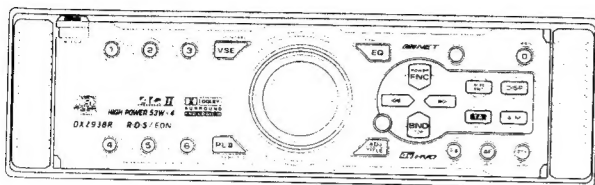


Service Manual

NET



High End RDS-EON AM/FM Radio
CD Player Combination

Model **DXZ938R**

(PE-2578E-A)

SPECIFICATIONS

Radio section

Tuning system:	PLL synthesizer tuner
Receiving frequencies:	FM 87.5 to 108MHz (0.05MHz steps)
	MW 531 to 1602kHz (9kHz steps)
	LW 153 to 279kHz (3kHz steps)



CD player section

System:	Compact disc digital audio system
Frequency response:	5Hz to 20kHz(+1/-1dB)
Signal to noise ratio:	100dB(1kHz) IHF-A
Dynamic range:	96dB(1kHz)
Harmonic distortion:	0.01%

General

Output power:	4x31W(DIN45324, +B=14.4V)
Power supply voltage:	14.4V DC(10.8 to 15.6V allowable), negative ground
Power consumption:	Less than 15A
Speaker impedance:	4ohm(4ohm to 8ohm allowable)
Auto antenna rated current:	500mA or less
Weight:	Source unit 1.7kg Remote control unit 30g(including battery)
Dimensions(mm):	Source unit 178(W)x50(H)x155(D) Remote control unit 32(W)x56(H)x24(D)

NOTE

- * We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.
- * Only CDs and CD-ROMs having the  or  mark can be used in this unit.
Some CDs recorded in CD-R mode may not be usable. Even when recorded in CD-RW mode, some CDs not be usable.
- * Specifications and design are subject to change without notice for further improvement.
- * Manufactured under license from Dolby Laboratories.
"Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.

COMPONENTS

PE-2578E-A

Source unit		1
Mounting bracket	300-7742-00	1
DCP case	335-6777-00	1
Escutcheon(OUT-ES)	370-6007-03	1
Extension lead	854-6362-54	1
Remote control unit	RCB-147-700	1
Parts bag		
Battery(CR2032)		1
IR plate	291-0088-00	1
Parts bag		
Removal key	331-2497-00	2
Rubber spacer	345-3653-20	1
Screw	716-0726-01	1

To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.

The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.

The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

2. Place the parts and wiring back in their original positions after replacement or re-wiring.

For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc, is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.

If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.

3. Check for safety after repair.

Check that the screws, parts and wires are put back securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired spots. If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

4. Caution in removal and making wiring connection to the parts for the automobile.

Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur.

If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions regarding chips.

Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc). The negative pole of tantalum capacitors is highly susceptible to heat, so use special care when replacing them and check the operation afterwards.

6. Cautions in handling flexible PWB

Before working with a soldering iron, make sure that the iron tip temperature is around 270°C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.

7. Turn the unit OFF during disassembly and parts replacement.

Recheck all work before you apply power to the unit.

8. Cautions in checking that the optical pickup lights up.

The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking that the laser optical diode lights up, keep your eyes more than 30cms away from the lens. Prolonged viewing of the laser within 30cms may damage your eyesight.

9. Cautions in handling the optical pickup

The laser diode of the optical pickup can be damaged by electrostatic charge caused by your clothes and body.

Make sure to avoid electrostatic charges on your clothes or body, or discharge static electricity before handling the optical pickup.

9-1. Laser diode

The laser diode terminals are shorted for transportation in order to prevent electrostatic damage.

After replacement, open the shorted circuit. When removing the pickup from the mechanism, short the terminals by soldering them to prevent this damage.

9-2. Actuator

The actuator has a powerful magnetic circuit. If a magnetic material is put close to it, its characteristics will change.

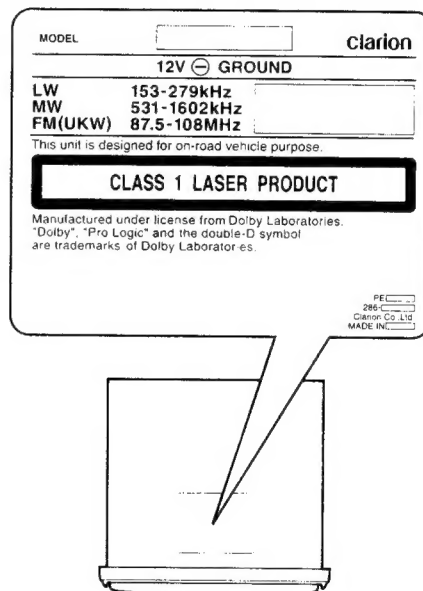
Ensure that no foreign substances enter through the ventilation slots in the cover.

9-3. Cleaning the lens

Dust on the optical lens affects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

CAUTIONS

This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read this Owner's Manual carefully and keep this manual for your future reference. In case of any trouble with this player, please contact your nearest "AUTHORIZED service station". To prevent direct exposure to the laser beam, do not try to open the enclosure. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED IN THE OWNER'S MANUAL MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

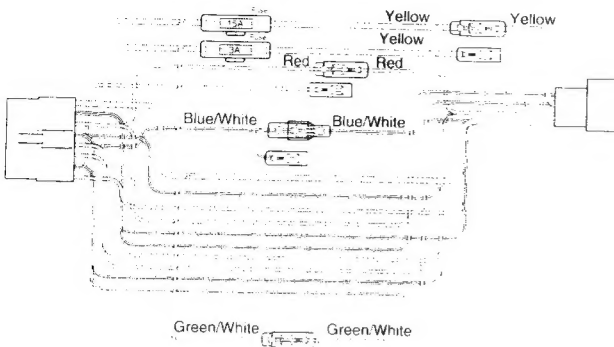


NOTES OF ISO CONNECTOR

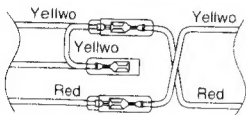
1. For VW and Audi vehicles, change the position of fuse installation as shown on the diagram. (Figure 1)

EXTENSION CABLE type

Initial setting of ex-lead



For models 1992 and later



For models up to 1991

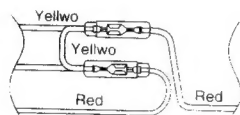


Figure 1

2. When the car stereo is installed in 1998 and later Volkswagen models, make sure to cut the car lead wire connected the A-5 terminal. (A breakdown could occur if the lead wire is not cut.) After cutting the lead wire, insulate the front end of the lead wire with insulation tape to prevent the risk of short-circuits.

(Figure 2)

Note: Before cutting the lead wire, disconnect the car battery - (negative) cable.

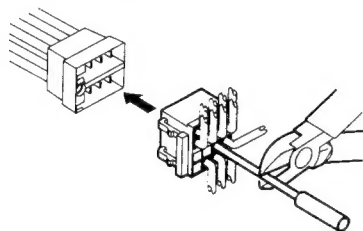
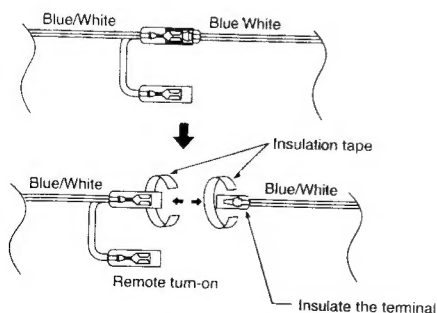


Figure 2

3. When the Main unit is also connected to an external amplifier, connect REMOTE on the external amplifier to the previously cut lead wire on the side of the connector.
4. When an ex-lead is required in Extension cable type wiring procedure, remove the auto antenna leads (Blue/White). Be sure to insulate both the ISO connector side terminal and the main unit side terminal with insulation tape, respectively.

(Figure 3)



*Never let the terminals make contact with the metal plate parts of the car.

Figure 3

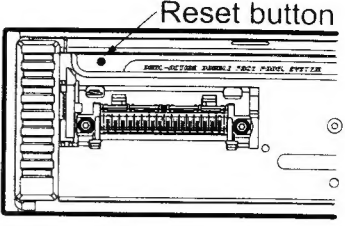
DUAL ACTION

This unit uses Dual Action to make large-screen displays possible. When you use the Dual Action, be sure to close it.

BE CAREFUL NOT TO GET YOUR FINGERS CAUGHT WHEN OPENING AND CLOSING THE DUAL ACTION.

1. For safety's sake, always close the DUAL ACTION before leaving this unit unused for a prolonged period or switching OFF the ignition key.
If you switch OFF the ignition key with the DUAL ACTION tilted, the DUAL ACTION does not close.
2. Before the DUAL ACTION closes, there may be a braking sound from the safety mechanism. This is normal.
3. If you move the DUAL ACTION by hand, this may create play. To correct this play, with the power on for the unit, press the [O] button to close the DUAL ACTION.
4. After a disc is ejected, the DUAL ACTION automatically returns to the tilted or closed state. If there is any obstruction when the DUAL ACTION tries to close, the safety mechanism is triggered and the DUAL ACTION returns to the open state. If this happens, remove the obstruction, then press the [O] button.
5. To avoid scratching the compact disc, keep the 12 or 8 cm CD level when inserting or removing them.

TROUBLESHOOTING

Problem	Cause	Measure
Nothing happens when buttons are pressed. Display is not accurate.	The microprocessor has malfunctioned due to noise, etc.	Turn off the power, then press the [RELEASE] button and remove the DCP. Press the reset button with a thin rod. 

ERROR DISPLAYS

If an error occurs, one of the following displays is displayed. Take the measures described below to eliminate the problem.

Mode	Error Display	Cause	Measure
CD	ERROR 2	A CD is caught inside the CD deck and is not ejected.	This is a failure of CD deck's mechanism.
	ERROR 3	A CD cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A CD is loaded upside-down inside the CD deck and does not play.	Eject the disc then reload it properly.
CD changer	ERROR 2	A CD inside the CD changer is not loaded.	This is a failure of CD changer's mechanism.
	ERROR 3	A CD inside the CD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	A CD inside the CD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
MD changer	ERROR H	Displayed when the temperature in the MD changer is too high and playback has been stopped automatically.	Lower the surrounding temperature and wait for a while to cool off MD changer.
	ERROR 2	An MD inside the MD changer is not loaded.	This is a failure of MD changer's mechanism.
	ERROR 3	An MD inside the MD changer cannot be played due to scratches, etc.	Replace with a non-scratched, non-warped disc.
	ERROR 6	An MD inside the MD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
		Displayed when a non-recorded MD is loaded in the MD changer.	Load a pre-recorded MD in the MD changer.
DVD changer	ERROR 2	A DISC inside the DVD changer cannot be played.	This is a failure of DVD mechanism.
	ERROR 3	A DISC cannot be played due to scratches, etc.	Retry or replace with a non-scratched, non-warped disc.
	ERROR 6	A DISC inside the DVD changer cannot be played because it is loaded upside-down.	Eject the disc then reload it properly.
	ERROR P	Parental level error.	Set the correct Parental level.
	ERROR R	Region code error.	Eject the disc and replace correct region code disc.

If an error display other than the ones described above appears, press the reset button.

ADJUSTMENT

Item	Procedure	Measuring instrument
S-meter	<ol style="list-style-type: none"> Turn on the power and press the ENT button & PRESET No.6 button at the same time for about 2 seconds. (TEST MODE) Input the 98.1MHz/30dBu/400Hz or 15KHz (main90%+pilot10%) signal. Adjust the reading of LCD display to [24----00] (2.4V+0.2/-0.2V) by VR101. Push the ENT button & PRESET No.6 button at the same time for 2 seconds once again or do power off to cancel the TEST MODE. 	SG

EXPLANATION OF IC:

052-3376-10 M30624MGA-132GP

Main System controller

1. Terminal Description

pin 1 : PLL CE	: O : The chip enable signal output to the PLL IC.	pin 57 : VOL STB	: O : The strobe pulse output to the volume IC.
pin 2 : TIME BASE	: IN : Time base pulse input.	pin 58 : VOL DT	: O : The serial data output to the volume IC.
pin 3 : CD SBSY	: IN : The sub Q data request command input from the CD IC.	pin 59 : VOL CK	: O : The clock pulse output to the volume IC.
pin 4 : NU	: - : Not in use.	pin 60 : VCC	: - : Positive supply voltage.
pin 5 : SPEED PULSE	: IN : The speed pulse input.	pin 61 : CATS LED	: O : CATS LED drive output.
pin 6 : BYTE	: IN : Connect to the ground.	pin 62 : VSS	: - : Negative supply voltage.
pin 7 : CN VSS	: IN : Connect to the ground.	pin 63 : MOTOR REM	: O : Power supply ON signal output for the slope mechanism motor.
pin 8 : NU	: - : Not in use.	pin 64 : SLOPE MTR-	: O : The slope motor control signal output.
pin 9 : NU	: - : Not in use.	pin 65 : SLOPE MTR+	: O : The slope motor control signal output.
pin 10 : RESET	: IN : Reset signal input.	pin 66 : SLOPE V CNT	: O : The slope voltage control signal output.
pin 11 : X OUT	: O : Crystal connection.	pin 67 : OPEN POSI	: IN : The open position detect signal input.
pin 12 : VSS	: - : Negative supply voltage.	pin 68 : NU	: - : Not in use.
pin 13 : X IN	: IN : Crystal connection.	pin 69 : CLOSE POSI	: IN : The close position detect signal input.
pin 14 : VCC	: - : Positive supply voltage.	pin 70 : KEY ILL REM	: O : Key illumination ON signal output.
pin 15 : NMI	: IN : Connect to the ground.	pin 71 : 5V REM	: O : 5V power supply ON signal output.
pin 16 : ACC DET	: IN : ACC detection signal input.	pin 72 : AMP REM DT	: IN : Remote controller wire short detection.
pin 17 : BU DET	: IN : Backup detection signal input.	pin 73 : RDS CLK	: IN : RDS clock pulse input.
pin 18 : KEY INT	: IN : Key interrupting signal input.	pin 74 : SYS MUTE	: O : System muting signal output.
pin 19 : 27pinConnect	: IN : Connect to pin 27.	pin 75 : LINE MUTE	: O : The line mute signal output.
pin 20 : SPEED SEL 1	: O : The time constant select signal output for the speed pulse counter.	pin 76 : AMP MUTE	: O : Muting signal output to the Audio Power Amplifier.
pin 21 : SPEED SEL 2	: O : The time constant select signal output for the speed pulse counter.	pin 77 : SYS ACC	: O : ACC detect signal output.
pin 22 : BEEP OUT	: O : Beep out.	pin 78 : NU	: - : Not in use.
pin 23 : RDS CD TST	: IN : For the test.	pin 79 : PHONE INT	: IN : The telephone interrupt signal input.
pin 24 : CLK REF	: O : Reference clock pulse output.	pin 80 : NAVI MUTE	: O : Muting signal output to suppress the noise at Navigation sound interrupting.
pin 25 : DCP DET	: O : DCP detection signal output.	pin 81 : RDS TEST ST	: O : Outputting "H" without the test mode.
pin 26 : PULSE DIMM	: O : Dimmer pulse output for LCD back light.	pin 82 : MUTE SPD UP	: O : Station detection speed up command output for RDS.
pin 27 : IE BUS RX	: IN : IE Bus serial data input.	pin 83 : RDS DATA	: IN : RDS serial data input.
pin 28 : IE BUS TX	: O : IE Bus serial data output.	pin 84 : NOISE DCHG	: O : RDS noise discharge signal output.
pin 29 : DSP INIT RST	: O : The reset signal output to DSP IC.	pin 85 : RDS MUTE	: O : RDS mute signal output.
pin 30 : DSP RST	: O : Reset pulse output to the DSP IC.	pin 86 : ST SD	: IN : At receiving the FM station, this port detects the stereo signal.
pin 31 : AUDIO SEL 1	: O : The select signal output to the audio signal input selector. Refer Table 1.	pin 87 : KEY AD	: IN : Input terminal of A/D converter for Key judgment.
pin 32 : AUDIO SEL 2	: O : The select signal output to the audio signal input selector. Refer Table 1.	pin 88 : S METER	: IN : The input terminal of internal A/D converter to monitor the radio field strength.
pin 33 : DSP SO	: O : Serial data output to the DSP IC.	pin 89 : NOISE 1	: IN : Input terminal of the internal ADC to sense the RDS-noise-level.
pin 34 : DSP SI	: IN : Serial data input from the DSP IC.	pin 90 : W ILL Amber	: O : The amber LED control signal output.
pin 35 : DSP SCK	: O : The clock pulse output to DSP IC.	pin 91 : W ILL Green	: O : The green LED control signal output.
pin 36 : DSP RDY	: IN : Ready signal input from the DSP IC.	pin 92 : AMP REM OUT	: O : Amplifier ON signal output terminal.
pin 37 : DSP RQ	: O : Request signal output to the DSP IC.	pin 93 : DIMMER IN	: IN : Voltage detector input terminal for Automatic Dimmer.
pin 38 : CD ZMT CUT	: O : Zero cross mute cutting signal output.	pin 94 : A VSS	: - : Analog ground.
pin 39 : DSP S MUTE	: O : Soft muting starting signal output to the DSP IC.	pin 95 : ILL DET	: IN : Illumination ON signal input.
pin 40 : LD MUTE	: O : Muting signal output to the CD mechanism.	pin 96 : Vref	: - : Reference voltage.
pin 41 : LD CONT	: I/O : Communication line with the CD mechanism.	pin 97 : A VCC	: - : Positive supply voltage for the internal analog section.
pin 42 : CD TR A	: IN : The photo sensor signal input from the CD mechanism.	pin 98 : PLL SI	: IN : Serial data input from the PLL IC.
pin 43 : CD TR B	: IN : The photo sensor signal input from the CD mechanism.	pin 99 : PLL SO	: O : Serial data output to the PLL IC.
pin 44 : CD CHK SW	: IN : CD disc chucking signal input.	pin100 : PLL SCK	: O : The clock pulse output to the PLL IC.
pin 45 : CD SSTOP	: IN : At loading, detects the chucking. And next, detects the inside limit of the pick up position.		
pin 46 : CD RESET	: O : The reset pulse output to the CD IC.		
pin 47 : CD CCE	: O : The chip enable signal output to the CD IC.		
pin 48 : CD BU CK	: O : CD IC clock pulse output.		
pin 49 : CD BUS 3	: I/O : The data bus.		
pin 50 : CD BUS 2	: I/O : The data bus.		
pin 51 : CD BUS 1	: I/O : The data bus.		
pin 52 : CD BUS 0	: I/O : The data bus.		
pin 53 : CD 5V	: O : Power supply control signal output for the CD IC / DAC IC. "H"= ON.		
pin 54 : CD 8V	: O : Power supply control signal output for the motor / photo IC. "H"= ON.		
pin 55 : AUDIO SEL 3	: O : The select signal output to the audio signal input selector. Refer Table 1.		
pin 56 : BUS I/O	: O : The audio signal select command output for Ce-NET.		

Table 1. The select signal output(audio signal input selector)

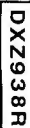
	AUDIO SEL 1 (pin 31)	AUDIO SEL 2 (pin 32)	AUDIO SEL 3 (pin 56)
CD	H	H	L
AUX	L	H	L
TUNER	H	L	L
BUS	L	L	H

1. Terminal Description

pin 1 : CONT CONT	: O : LCD contrast control voltage output.	pin 59 : NU	: - : Not in use.
pin 2 : NU	: - : Not in use.	pin 60 : VCC	: - : Positive supply voltage
pin 3 : NU	: - : Not in use.	pin 61 : NU	: - : Not in use.
pin 4 : NU	: - : Not in use.	pin 62 : VSS	: - : Negative supply voltage.
pin 5 : REMOCON	: IN : Remote controller signal input terminal.	pin 63 : NU	: - : Not in use.
pin 6 : BYTE	: IN : Input "L" at single mode operation.	pin 64 : NU	: - : Not in use.
pin 7 : CN VSS	: IN : Input "L" at single mode operation.	pin 65 : NU	: - : Not in use.
pin 8 : INIT 1	: IN : Destination setting input. Refer Table 1.	pin 66 : NU	: - : Not in use.
pin 9 : INIT 2	: IN : Destination setting input. Refer Table 1.	pin 67 : NU	: - : Not in use.
pin 10 : RESET	: IN : Reset signal input.	pin 68 : NU	: - : Not in use.
pin 11 : X OUT	: O : Crystal connection.	pin 69 : NU	: - : Not in use.
pin 12 : VSS	: - : Negative supply voltage.	pin 70 : NU	: - : Not in use.
pin 13 : X IN	: IN : Crystal connection.	pin 71 : NU	: - : Not in use.
pin 14 : VCC	: - : Positive supply voltage.	pin 72 : NU	: - : Not in use.
pin 15 : NMI	: IN : Connect to VCC.	pin 73 : NU	: - : Not in use.
pin 16 : SYS ACC	: IN : ACC detect signal input.	pin 74 : NU	: - : Not in use.
pin 17 : BU DET	: IN : Backup detection signal input.	pin 75 : NU	: - : Not in use.
pin 18 : NU	: - : Not in use.	pin 76 : NU	: - : Not in use.
pin 19 : 27pin connect	: IN : Connect to 27pin.	pin 77 : JOG CW	: IN : Jog key signal input
pin 20 : NU	: - : Not in use.	pin 78 : JOG CCW	: IN : Jog key signal input
pin 21 : NU	: - : Not in use.	pin 79 : NU	: - : Not in use.
pin 22 : NU	: - : Not in use.	pin 80 : NU	: - : Not in use.
pin 23 : NU	: - : Not in use.	pin 81 : NU	: - : Not in use.
pin 24 : KEY STANDBY	: O : Standby pulse output for the key scan IC.	pin 82 : NU	: - : Not in use.
pin 25 : ON Board WR	: IN : Input "L" at write mode.	pin 83 : NU	: - : Not in use.
pin 26 : NU	: - : Not in use.	pin 84 : NU	: - : Not in use.
pin 27 : IE BUS RX	: IN : IE Bus serial data input.	pin 85 : NU	: - : Not in use.
pin 28 : IE BUS TX	: O : IE Bus serial data output.	pin 86 : NU	: - : Not in use.
pin 29 : KEY CHIP SEL	: O : The chip select signal output to the key scan IC.	pin 87 : NU	: - : Not in use.
pin 30 : KEY CLK	: O : The clock pulse output for the key scan IC.	pin 88 : NU	: - : Not in use.
pin 31 : KEY DI	: IN : Key scan data input.	pin 89 : NU	: - : Not in use.
pin 32 : KEY DO	: O : The serial data output to the Key scan IC	pin 90 : DCP DET IN	: IN : The DCP detection signal input.
pin 33 : LCD SO	: O : The serial data output to the LCD driver.	pin 91 : NU	: - : Not in use.
pin 34 : LCD SI	: IN : The serial data input from the LCD driver	pin 92 : NU	: - : Not in use.
pin 35 : LCD CLK	: O : The clock pulse output to the LCD driver	pin 93 : NU	: - : Not in use.
pin 36 : LCD KEY REQ	: IN : The key request signal input from the key scan IC.	pin 94 : A VSS	: - : Analog ground.
pin 37 : LCD CS	: O : The chip select signal output to the LCD driver.	pin 95 : NU	: - : Not in use.
pin 38 : DISP 5V REM	: O : The power supply circuit control signal output for DCP.	pin 96 : Vref	: - : Reference voltage.
pin 39 : NU	: - : Not in use.	pin 97 : A VCC	: - : Positive supply voltage for the internal analog section.
pin 40 : NU	: - : Not in use.	pin 98 : NU	: - : Not in use.
pin 41 : NU	: - : Not in use.	pin 99 : NU	: - : Not in use.
pin 42 : NU	: - : Not in use.	pin100 : NU	: - : Not in use.
pin 43 : NU	: - : Not in use.		
pin 44 : NU	: - : Not in use.		
pin 45 : NU	: - : Not in use.		
pin 46 : NU	: - : Not in use.		
pin 47 : NU	: - : Not in use.		
pin 48 : NU	: - : Not in use.		
pin 49 : NU	: - : Not in use.		
pin 50 : NU	: - : Not in use.		
pin 51 : MUSIC IND	: O : ON command output to the indicator for "MUSIC".		
pin 52 : MATRIX IND	: O : ON command output to the indicator for "MATRIX".		
pin 53 : MOVIE IND	: O : ON command output to the indicator for "MOVIE".		
pin 54 : VIRTUAL IND	: O : ON command output to the indicator for "VIRTUAL".		
pin 55 : DISC IND	: O : ON command output to the indicator for "DISC".		
pin 56 : SCN IND	: O : ON command output to the indicator for "SCN".		
pin 57 : RPT IND	: O : ON command output to the indicator for "RPT".		
pin 58 : RDM IND	: O : ON command output to the indicator for "RDM".		

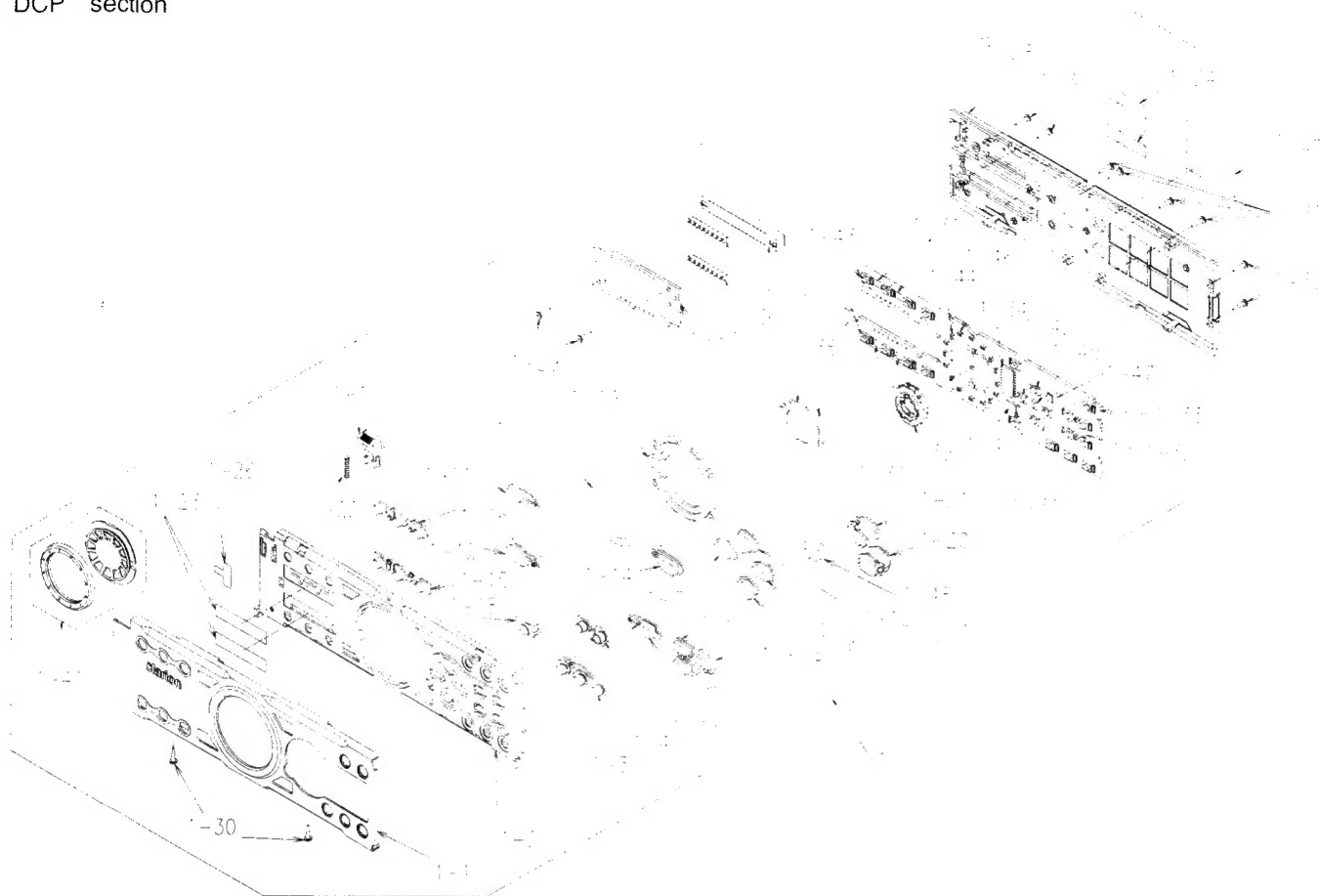
Table 1. The destination setting terminal

	North America	Third area	Japan	Europa
INITIAL 1 (pin 8)	H	L	H	L
INITIAL 2 (pin 9)	L	L	H	H



EXPLODED VIEW • PARTS LIST:

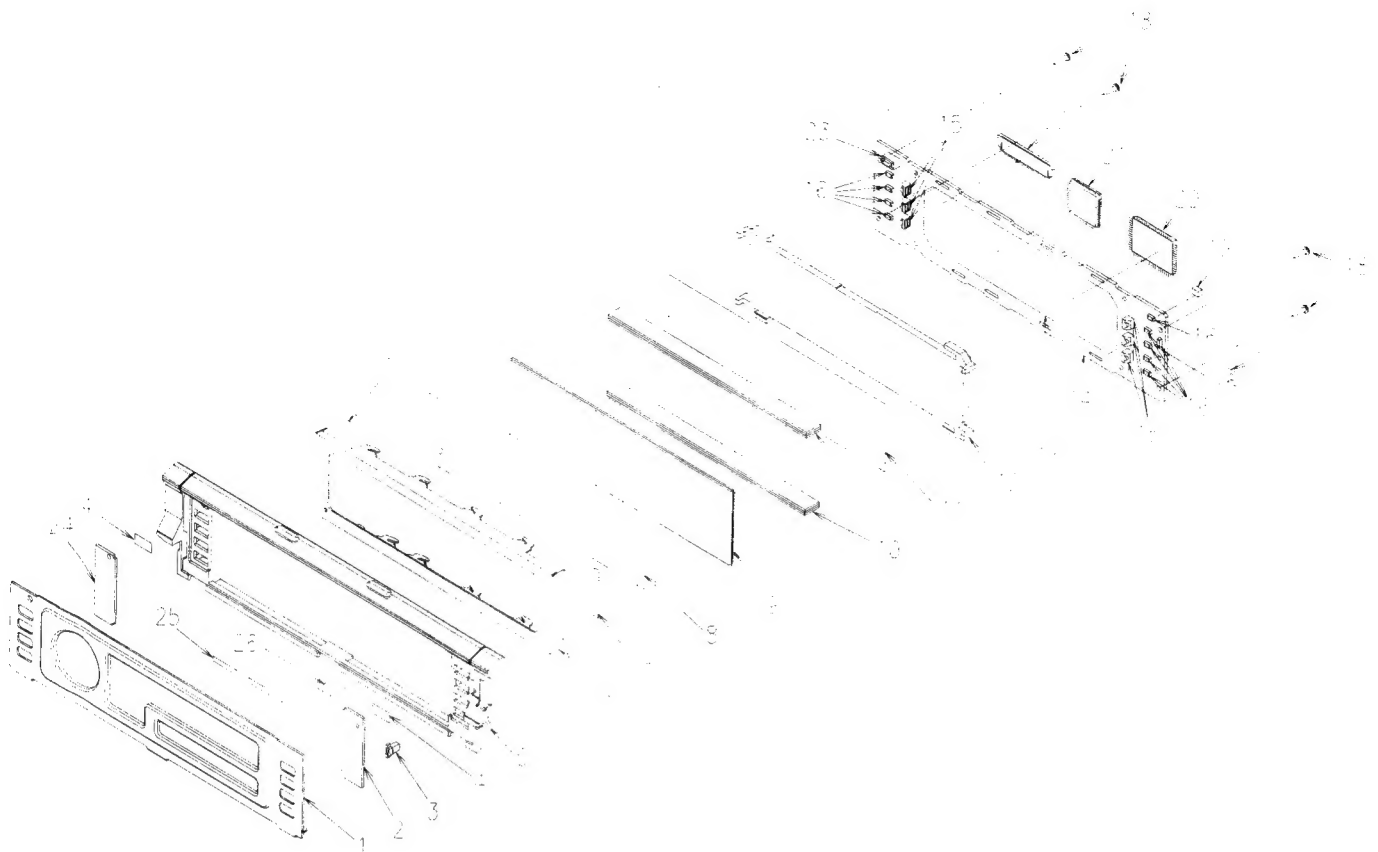
DCP section



NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-427-700	DCP ASSY	1
1-1	371-5708-12	FACE PANEL	1
1-2	370-5990-04	ESCUTCHEON	1
1-3	382-6388-03	BUTTON(SC/RP/RD)	1
1-4	382-6387-04	BUTTON(SAT/OP)	1
1-5	382-6385-01	BUTTON(ENT/ISR)	1
1-6	382-6386-00	BUTTON(DISP/AM)	1
1-7	382-6438-00	BUTTON(LEFT)	1
1-8	382-6437-00	BUTTON(BND)	1
1-9	382-6439-00	BUTTON(RIGHT)	1
1-10	382-6383-00	BUTTON(BND)	1
1-11	382-6440-00	BUTTON(VSE)	1
1-12	382-6441-00	BUTTON(PL2)	1
1-13	382-6443-00	BUTTON(ADJ)	1
1-14	382-6442-00	BUTTON(EQ)	1
1-15	382-6382-01	BUTTON(4-6)	1
1-16	382-6381-01	BUTTON(1-3)	1
1-17	382-6389-04	BUTTON(RELEASE)	1
1-18	335-6676-00	IR FILTER	1
1-19	335-6698-00	ILLUMI PLATE	1
1-20	335-6697-00	BUTTON HOLDER	1
1-21	335-6696-00	BUTTON HOLDER	1
1-22	750-6722-00	SPRING	1
1-23	347-6707-00	COVER FILM	2
1-24	347-6708-00	COVER FILM	2
1-25	347-6709-00	COVER FILM	1

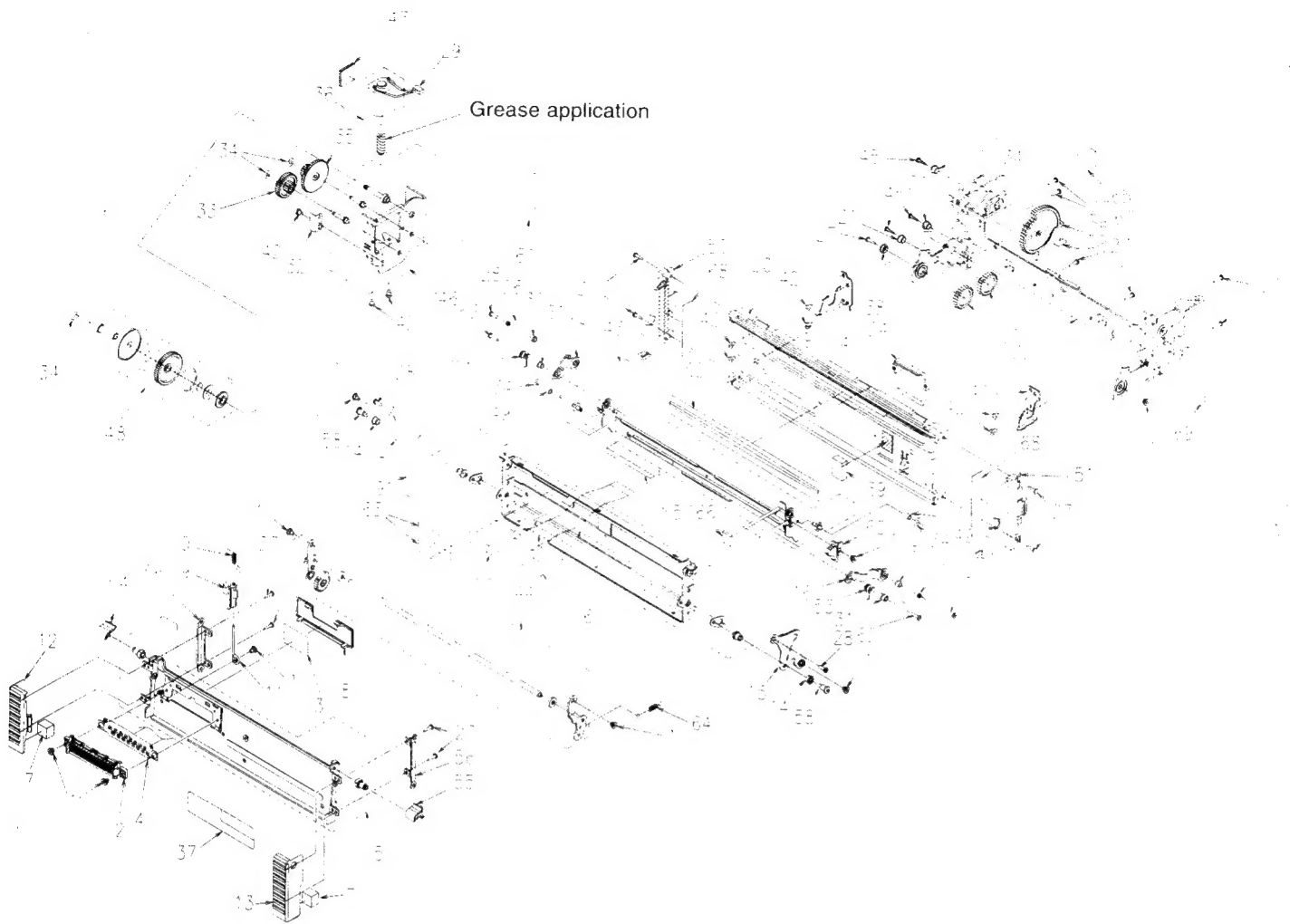
NO.	PART NO.	DESCRIPTION	Q'TY
1-26	347-6710-00	SURGE FILM	1
1-27	347-6759-00	FILM	1
1-28	335-6675-02	REAR CVR	1
1-29	716-1764-00	SCREW(M1.7x5)	2
1-30	716-0872-11	SCREW(M1.7x6)	10
1-31	345-8727-00	RUBBER PART	6
1-32	345-8744-00	RUBBER PART	1
1-33	039-2100-01	SWITCH PWB (WITHOUT COMPONENT)	1
1-34	051-6618-18	IC	1
1-35	076-0647-00	PLUG	1
1-36	076-0658-08	PLUG	2
1-37	039-2101-00	SWITCH SUB PWB (WITHOUT COMPONENT)	1
1-38	331-3322-00	JOG-SW-HOLDER	1
1-39	013-8004-50	ROTARY SW	1
1-40	060-4008-00	IR RECEIVER	1
1-41	947-0523-01	KNOB ASSY	1
1-42	013-6507-50	LUMI SWITCH	1
1-43	013-6519-50	LUMI SWITCH	18
1-44	001-7043-90	DIODE	10
1-45	001-7040-90	DIODE	1
1-46	001-7064-90	DIODE	8
1-47	060-4011-80	PHOTO-TR	1
1-48	335-6677-00	LENS	1

Rear-Escutcheon section



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	371-5709-04	FACE PANEL	1	15	001-7055-90	DIODE	6
2	347-6666-00	IND-FILM(L)	1	16	001-7062-90	DIODE	10
3	335-6772-00	ILLUMI PARTS	1	17	345-8726-00	RUBBER PART	1
4	347-5161-00	DOUBLE FACE	2	18	716-0872-02	PAD SCREW(M1.7x5)	4
5	370-5991-04	ESCUTCHEON	1	19	013-7411-60	DETECTOR SWITCH	1
6	331-3336-01	LCD-CVR	1	20	051-6057-00	IC	1
7	347-6813-00	DOUBLE FACE	2	21	052-7061-01	MICON	1
8	347-6683-01	FILM	1	22	074-1195-78	OUTLET SOCKET	1
9	379-1227-51	INDICATOR	1	23	013-6507-50	LUMI SWITCH	1
10	345-8715-01	RUBBER CONNECT	2	24	347-6665-00	IND-FILM(R)	1
11	347-6682-00	FILM	1	25	347-6501-00	DOUBLE FACE	1
12	335-6682-01	LCD HOLDER	1	26	347-6522-00	DOUBLE FACE	1
13	347-6606-00	REFLECTOR	1				
14	039-2272-00	LCD PWB	1				
		(WITHOUT COMPONENT)					

Inner-Escutcheon section



Note)Grease uses FLOIL G-31SB.

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	716-1715-02	SCREW(M2)	9	10	750-6714-00	SPRING(HOOK)	1
2	074-1278-01	OUTLET SOCKET	1	11	341-1770-00	SHAFT(HOOK)	1
3	347-6760-00	INSULATOR	1	12	335-6680-02	SIDE-CVR(F-LEFT)	1
4	039-1862-00	FPC (WITHOUT COMPONENT)	1	13	335-6679-02	SIDE-CVR(F-RIGHT)	1
5	947-0525-01	DCP-HOLD-ASSY	1	14	341-1769-00	ROLLER(ARM)	2
6	347-6761-00	INSULATOR	1	15	331-3329-00	LEVER-MID(R)	1
7	345-8728-00	SPACER(CUSHION)	2	16	331-3327-00	LEVER-UP(R)	1
8	335-6678-00	CN-CVR	1	17	331-3330-01	LEVER-MID(L)	1
9	335-6683-00	HOOK	1	18	331-3328-00	LEVER-UP(L)	1
				19	947-0524-01	DISP-HOLDE-ASSY	1

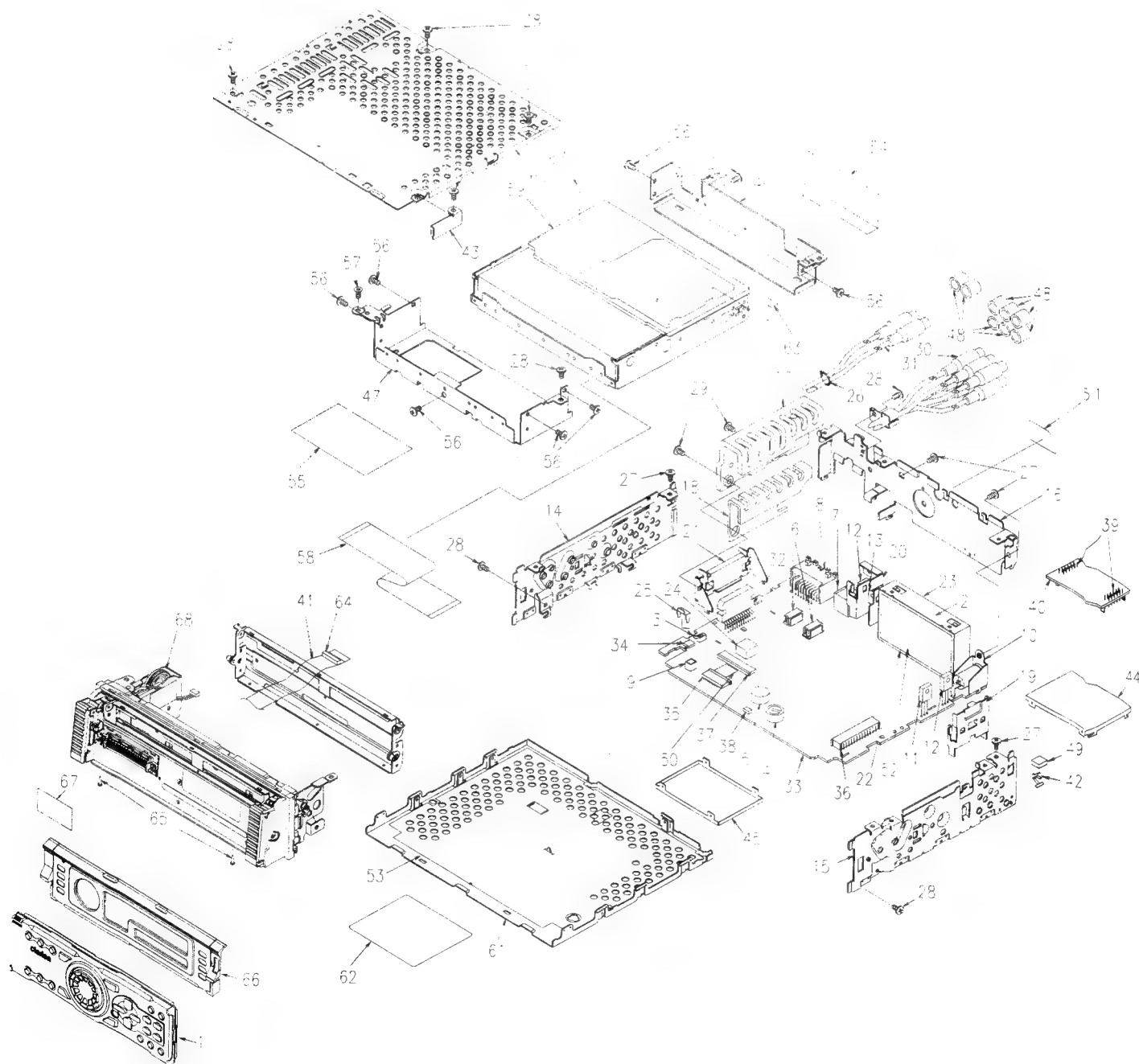
NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
20	370-6005-04	ESCUTCHEON	1	46	946-0079-01	GEAR-BOX ASSY	1
21	341-1767-00	SPACER(GEAR)	3	47	347-6832-00	SPACER(MOTOR)	1
22	309-0782-01	FRONT PLATE	1	48	947-0513-02	T-LIM-GEAR ASSY	1
23	613-0725-01	IDLLER-GEAR	2	49	341-1788-00	ROLLER(SIDE)	2
24	335-6505-00	ILLUMI PLATE	1	50	335-6766-02	SIDE-CVR(L)	1
25	613-0726-01	SW-GEAR	1	51	335-6765-02	SIDE-CVR(R)	1
26	750-6740-00	SPRING(ARM-UP)	2	52	346-0150-02	LEATHER SHEET	1
27	716-0872-02	PAD SCREW(M1.7x5)	15	53	750-6726-00	SPRING(INNER)R	1
28	780-2005-00	SCREW(M2x5)	4	54	335-6807-01	FRONT COVER(L)	1
29	854-4380-01	EX-LEAD	1	55	335-6806-01	FRONT COVER(R)	1
30	341-1783-00	SPACER(SCREW)	2	56	331-3480-00	SUPPORT PLATE(L-R)	2
31	341-1784-00	SPACER(UP-ARM-P)	2	57	347-6767-00	FILM	2
32	750-3432-00	SPRING(MOTOR)	1	58	716-1872-01	SCREW(M2x4x1.5)	2
33	613-0733-00	HUS-GEAR	1	59	750-6727-00	SPRING(INNER)L	1
34	746-0768-20	WASHER(ϕ 4.3-1.6/t0.5)	6	60	382-6506-02	BUTTON(EJECT)	1
35	613-0717-00	INPUT-GEAR	1	61	347-6536-00	PROTECT SHEET	1
36	634-0024-00	MOTOR ASSY	1	62	716-3475-00	SCREW(M2x6)	2
37	291-0098-00	STICKER	1	63	347-6768-00	SHADE	2
38	341-1791-00	SPACER(GEAR)	1	64	750-6732-01	SPRING	1
39	345-8729-00	CUSHION(IN-ES)	1	65	347-6215-00	SPACER FILM	1
40	331-3401-01	LINK-HOLDER(L)	1	66	347-6951-00	PROTECTOR SHEET	1
41	331-3400-01	LINK-HOLDER(R)	1	67	347-6835-00	SPACER	1
42	716-1468-20	SCREW(M2x2.5)	9	68	347-6878-00	PROTECT SHEET	2
43	947-0528-01	INNER-BRKT ASSY	1	69	746-0917-00	WASHER	1
44	947-0519-01	LOWER-LEVER ASSY	1				
45	716-1758-00	PAD SCREW(M2x5)	3				

Main section

Exploded view on next page

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-427-700	DCP ASSY	1	23	331-2946-01	SHIELD CVR(R)	1
2	880-2089C	TUNER	1	24	331-2869-00	SHIELD CASE	1
3	013-7106-00	DETECTOR SWITCH	1	25	331-3378-00	SW HOLDER	1
4	042-0576-00	DOUBLE-LAYER-C	1	26	335-0833-01	LEAD HOLDER	1
5	060-0100-01	BUZZER	1	27	714-3006-81	MACHINE SCREW(M1.7x5)	4
6	074-1106-12	OUTLET SOCKET	2	28	731-3006-80	TAPTIGHT(M3x6)	8
7	074-1194-00	OUTLET SOCKET	1	29	731-3008-87	TAPTIGHT(M3x8)	2
8	074-1214-00	OUTLET SOCKET	1	30	855-5454-50	RCA PIN CORD	1
9	076-0312-02	PLUG	1	31	855-5458-50	RCA PIN CORD	1
10	092-4000-51	ANT-RECEPT	1	32	051-2038-10	IC HOLDER	1
11	101-0941-00	TRANSISTOR	1	33	039-2271-01	MAIN PWB (WITHOUT COMPONENT)	1
12	103-2012-00	TRANSISTOR	2	34	013-7206-50	DETECTOR SWITCH	1
13	103-2353-00	TRANSISTOR	1	35	074-1198-68	OUTLET SOCKET	1
14	305-0274-31	SIDE CVR(L)	1	36	074-1138-76	OUTLET SOCKET	1
15	305-0275-30	SIDE CVR(R)	1	37	074-1199-80	OUTLET SOCKET	1
16	307-0616-03	REAR CVR	1	38	001-7011-96	DIODE	1
17	313-1844-00	HEAT SINK	1	39	076-0659-12	PLUG	2
18	313-1845-00	HEAT SINK	1	40	039-2102-00	SUB PWB (WITHOUT COMPONENT)	1
19	313-1651-21	HEAT SINK	1	41	039-1164-00	FPC (WITHOUT COMPONENT)	1
20	313-1853-00	HEAT SINK	1				
21	331-2255-20	IC HOLDER	1				
22	331-2945-00	SHIELD CVR(F)	1				

NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
42	331-1709-00	EARTH PLATE	1	56	714-2603-81	MACHINE SCREW	8
43	331-2744-00	STOPPER	1	57	731-3006-40	TAPTIGHT(M3x6)	1
44	331-2929-00	SHIELD CVR(V)	1	58	816-2569-50	FLAT WIRE	1
45	331-2930-00	SHIELD CVR(L)	1	59	929-0220-83	CD-MECHANISM	1
46	331-3324-00	CD-SUB BRKT(R)	1	60	303-0472-00	UPPER CVR	1
47	331-3417-00	CD-SUB BRKT(F)	1	61	304-0460-01	LOWER CVR	1
48	345-3799-20	RUBBER PART	8	62	286-6132-01	SETPLATE	1
49	345-8513-00	SPACE	1	63	347-6821-00	SPACE FILM	2
50	347-6215-00	SPACE-FILM	1	64	345-5192-00	CUSHION	1
51	347-6245-00	FILM	1	65	716-0872-02	PAD SCREW(M1.7x5)	2
52	347-6285-00	INSULATOR	1	66	-----	REAR-ES ASSY	1
53	347-6681-00	INSULATOR	1	67	347-6536-00	PROTECT SHEET	1
54	347-6705-00	INSULATOR	1	68	-----	INNER-ES ASSY	1
55	347-6729-00	INSULATOR	1				



ELECTRICAL PARTS LIST:

Main PWB (B1) section

Note) Several different parts of the same reference number are alternative parts.

One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
BL 1	880-2089C	TUNER	C 223	168-2232-55	25V 0.022uF	C 417	042-0416-52	10V 10uF TAN
C 1	168-2232-55	25V 0.022uF	C 224	172-4731-15	50V 0.047uF	C 418	168-1042-78	50V 0.1uF
C 2	163-4753-55	35V 4.7uF	C 230	042-0631-50	10V 100uF	C 419	168-1042-78	50V 0.1uF
C 4	163-1053-65	50V 1uF	C 241	163-1063-35	16V 10uF	C 420	042-0416-52	10V 10uF TAN
C 5	168-2232-55	25V 0.022uF	C 242	168-1032-55	50V 0.01uF	C 423	168-1042-78	50V 0.1uF
C 6	168-2232-55	25V 0.022uF	C 243	183-1073-27	10V 100uF	C 424	168-1042-78	50V 0.1uF
C 7	183-4763-37	16V 47uF	C 244	183-1073-17	6.3V 100uF	C 427	168-1042-78	50V 0.1uF
C 8	168-2232-55	25V 0.022uF	C 245	168-1042-78	50V 0.1uF	C 428	168-1042-78	50V 0.1uF
C 9	168-2232-55	25V 0.022uF	C 246	166-1011-50	50V 100pF	C 429	042-0416-52	10V 10uF TAN
C 10	168-6822-55	50V 6800pF	C 250	042-0505-81	10V 22uF	C 431	042-0416-52	10V 10uF TAN
C 11	042-0631-50	10V 100uF	C 251	168-1042-78	50V 0.1uF	C 433	168-1042-78	50V 0.1uF
C 12	042-0631-50	10V 100uF	C 252	042-0452-81	10V 220uF	C 434	168-1042-78	50V 0.1uF
C 14	166-1011-50	50V 100pF	C 253	166-2211-50	50V 220pF	C 435	168-1042-78	50V 0.1uF
C 16	168-1042-78	50V 0.1uF	C 254	168-1042-78	50V 0.1uF	C 436	042-0416-52	10V 10uF TAN
C 17	168-1222-55	50V 1200pF	C 256	042-0505-81	10V 22uF	C 437	166-1011-50	50V 100pF
C 18	163-1053-65	50V 1uF	C 257	168-2232-55	25V 0.022uF	C 438	168-1032-55	50V 0.01uF
C 19	168-8222-55	50V 8200pF	C 258	042-0416-52	10V 10uF TAN	C 439	178-4742-78	25V 0.47uF
C 20	163-4763-15	6.3V 47uF	C 259	042-0505-80	25V 1uF	C 440	168-1022-55	50V 1000pF
C 21	168-2232-55	25V 0.022uF	C 301	163-1053-65	50V 1uF	C 441	168-1042-78	50V 0.1uF
C 22	166-1011-50	50V 100pF	C 302	163-1053-65	50V 1uF	C 442	042-0416-52	10V 10uF TAN
C 23	166-1011-50	50V 100pF	C 303	166-1201-50	50V 12pF	C 450	163-1063-35	16V 10uF
C 24	166-3311-50	50V 330pF	C 304	166-1201-50	50V 12pF	C 451	163-1063-35	16V 10uF
C 25	166-1501-50	50V 15pF CH	C 305	166-1201-50	50V 12pF	C 452	163-1063-35	16V 10uF
C 26	166-1801-50	50V 18pF CH	C 306	166-1201-50	50V 12pF	C 453	163-1063-35	16V 10uF
C 28	168-2232-55	25V 0.022uF	C 307	163-1063-35	16V 10uF	C 454	163-1063-35	16V 10uF
C 29	168-2232-55	25V 0.022uF	C 308	163-2263-35	6.3V 22uF	C 455	163-1063-35	16V 10uF
C 30	166-1011-50	50V 100pF	C 309	163-1063-35	16V 10uF	C 456	163-2263-15	6.3V 22uF
C 55	166-2201-50	50V 22pF CH	C 311	043-0264-63	0.01uF	C 457	163-2263-15	6.3V 22uF
C 66	166-2201-50	50V 22pF CH	C 312	043-0264-63	0.01uF	C 458	163-2263-15	6.3V 22uF
C 67	168-1032-55	50V 0.01uF	C 313	166-1201-50	50V 12pF	C 459	163-2263-15	6.3V 22uF
C 68	168-1022-55	50V 1000pF	C 314	166-1201-50	50V 12pF	C 460	163-2263-15	6.3V 22uF
C 102	178-1052-78	25V 1uF	C 315	163-1063-35	16V 10uF	C 461	163-2263-15	6.3V 22uF
C 103	178-1052-78	25V 1uF	C 316	163-1063-35	16V 10uF	C 462	166-2201-50	50V 22pF
C 104	178-1052-78	25V 1uF	C 317	163-1063-35	16V 10uF	C 463	166-2201-50	50V 22pF
C 105	178-1052-78	25V 1uF	C 318	163-1063-35	16V 10uF	C 464	166-2201-50	50V 22pF
C 106	042-0560-84	16V 47uF	C 319	163-1063-35	16V 10uF	C 465	166-2201-50	50V 22pF
C 107	042-0560-63	16V 22uF	C 320	163-1063-35	16V 10uF	C 466	166-2201-50	50V 22pF
C 108	172-2231-15	50V 0.022uF	C 321	168-4732-78	25V 0.047uF	C 467	166-2201-50	50V 22pF
C 109	042-0560-56	50V 3.3uF	C 326	163-1063-35	16V 10uF	C 526	163-1063-35	16V 10uF
C 110	043-0296-50	0.1uF	C 327	163-1063-35	16V 10uF	C 527	163-1063-35	16V 10uF
C 111	043-0296-50	0.1uF	C 328	163-1063-35	16V 10uF	C 528	163-1063-35	16V 10uF
C 112	043-0296-50	0.1uF	C 329	163-1063-35	16V 10uF	C 529	163-1063-35	16V 10uF
C 113	043-0296-50	0.1uF	C 330	163-1063-35	16V 10uF	C 545	163-1063-35	16V 10uF
C 114	043-0505-50	2.2uF	C 331	163-1063-35	16V 10uF	C 546	163-1063-35	16V 10uF
C 115	043-0505-50	2.2uF	C 332	163-1063-35	16V 10uF	C 547	163-4763-15	6.3V 47uF
C 116	168-4722-55	50V 4700pF	C 333	163-1063-35	16V 10uF	C 606	168-4732-78	25V 0.047uF
C 118	043-0505-50	2.2uF	C 334	163-1063-35	16V 10uF	C 612	168-1032-55	50V 0.01uF
C 119	043-0505-50	2.2uF	C 335	163-1063-35	16V 10uF	C 613	042-0576-00	5.5V 0.1F
C 126	178-1052-78	25V 1uF	C 401	166-1021-50	50V 1000pF	C 614	168-1032-55	50V 0.01uF
C 127	178-1052-78	25V 1uF	C 402	166-1021-50	50V 1000pF	C 615	042-0577-00	6.3V 100uF
C 128	178-1052-78	25V 1uF	C 403	042-0416-52	10V 10uF TAN	C 616	163-1063-35	16V 10uF
C 129	178-1052-78	25V 1uF	C 404	168-1042-78	50V 0.1uF	C 617	168-1022-55	50V 1000pF
C 210	042-0423-92	6.3V 4.7uF TAN	C 405	042-0416-52	10V 10uF TAN	C 618	168-1032-55	50V 0.01uF
C 211	163-2263-35	16V 22uF	C 406	042-0416-52	10V 10uF TAN	C 619	168-4732-78	25V 0.047uF
C 212	168-4732-78	25V 0.047uF	C 407	042-0416-52	10V 10uF TAN	C 620	178-2242-78	25V 0.22uF
C 213	163-2263-35	16V 22uF	C 408	168-1042-78	50V 0.1uF	C 622	166-1011-50	50V 100pF
C 214	042-0545-00	16V 2200uF	C 409	168-1042-78	50V 0.1uF	C 623	166-1011-50	50V 100pF
C 216	042-0563-71	16V 100uF	C 410	042-0416-52	10V 10uF TAN	C 624	168-2232-55	25V 0.022uF
C 217	182-1073-35	16V 100uF	C 411	168-1042-78	50V 0.1uF	C 627	168-1042-78	50V 0.1uF
C 220	042-0631-50	10V 100uF	C 412	042-0416-52	10V 10uF TAN	C 628	166-1011-50	50V 100pF
C 221	163-1063-35	16V 10uF	C 413	042-0416-52	10V 10uF TAN	C 629	042-0397-55	6.3V 3.3uF TAN
C 222	184-4763-41	25V 47uF	C 416	168-1042-78	50V 0.1uF	C 801	168-2232-55	25V 0.022uF

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 802	168-8212-55	50V 820pF	D 902	001-0517-90	SS355	L 421	010-2285-58	BLM21A102FPB
C 803	168-6812-55	50V 680pF	D 903	001-0516-90	MA111	L 422	010-2285-58	BLM21A102FPB
C 804	168-1032-55	50V 0.01uF	D 903	001-0517-90	SS355	L 423	010-2285-58	BLM21A102FPB
C 805	168-2232-55	25V 0.022uF	F 200	060-8023-52	CHIP FUSE	L 424	010-2285-58	BLM21A102FPB
C 807	163-2253-65	50V 2.2uF	FIL 401	060-3110-90	NFM4516P13C204	L 425	010-2285-58	BLM21A102FPB
C 808	166-3311-50	50V 330pF	FIL 404	060-3110-90	NFM4516P13C204	L 426	010-2285-58	BLM21A102FPB
C 809	166-5611-50	50V 560pF	IC 1	051-6201-90	LC72146M	L 427	010-2285-58	BLM21A102FPB
C 810	166-4701-50	50V 47pF	IC 101	051-2038-10	LA47501	L 428	010-2285-56	BLM21B222S
C 811	166-5601-50	50V 56pF	IC 201	051-3605-90	NJM2360A	L 429	010-2285-56	BLM21B222S
C 812	163-4763-15	6.3V 47uF	IC 220	051-3201-90	AN77L06	L 430	010-2285-56	BLM21B222S
C 813	168-1042-78	50V 0.1uF	IC 230	051-1014-08	TA7291F	L 431	010-2285-56	BLM21B222S
C 902	168-4722-55	50V 4700pF	IC 301	051-0410-38	MC14052BF2A	L 432	010-2285-56	BLM21B222S
C 905	168-1042-78	50V 0.1uF	IC 302	051-1811-90	BA3129F	L 433	010-2285-56	BLM21B222S
CCT401	010-3042-54	BLA3216A601SG4	IC 303	051-3034-90	NJM4558V	L 434	010-2285-56	BLM21B222S
CCT402	010-3042-54	BLA3216A601SG4	IC 304	051-0556-93	NJM2058M	L 435	010-2285-56	BLM21B222S
CCT403	010-3042-54	BLA3216A601SG4	IC 305	051-7232-08	74VHC4066	L 436	010-2285-56	BLM21B222S
CCT404	010-3042-54	BLA3216A601SG4	IC 401	051-6350-00	AK7716	L 437	010-2285-56	BLM21B222S
CCT405	010-3042-54	BLA3216A601SG4	IC 402	051-9109-50	T15M256A	L 441	010-2285-56	BLM21B222S
CCT406	010-3042-54	BLA3216A601SG4	IC 405	051-6379-08	AK4351	L 442	010-2285-56	BLM21B222S
D 102	001-2403-90	MIF60	IC 406	051-6620-08	TC9246F	L 450	010-2285-56	BLM21B222S
D 103	001-2403-90	MIF60	IC 450	051-3026-90	NJM4580V	L 451	010-2285-56	BLM21B222S
D 104	001-2403-90	MIF60	IC 451	051-3026-90	NJM4580V	L 452	010-2285-56	BLM21B222S
D 105	001-2403-90	MIF60	IC 452	051-3026-90	NJM4580V	L 453	010-2285-56	BLM21B222S
D 106	001-2403-90	MIF60	IC 502	051-6600-38	CA0008AM	L 602	010-2323-53	2.2uH
D 107	001-2403-90	MIF60	IC 503	051-0350-93	NJM4558M	L 605	010-2198-56	2.2uH
D 108	001-2403-90	MIF60	IC 504	052-3376-10	M30624MGA-132GP	L 606	010-2198-56	2.2uH
D 109	001-2403-90	MIF60	IC 505	051-5437-08	S-80821ANMP	L 607	010-2198-56	2.2uH
D 110	001-0529-44	MA8082M	IC 506	051-0869-58	NJM2103M	L 801	010-2275-53	220uH
D 200	001-2606-90	MIFS4	IC 509	051-5017-00	TC9482F	L 901	010-2285-51	BLM21A05PT
D 202	001-0504-46	HZS9B2L	IC 801	051-3034-90	NJM4558M	L 902	010-2285-51	BLM21A05PT
D 203	001-0592-00	RM4Z	IC 802	051-4607-90	SAA6581T	P 450	855-5424-50	RCA PIN CORD
D 210	001-0516-90	MA111	IC 901	051-1215-08	74HC132AF	P 451	855-5458-50	RCA PIN CORD
D 210	001-0517-90	SS355	J 501	074-1106-12	12P	Q 3	193-1306-00	2SD1306
D 211	001-0516-90	MA111	J 502	074-1106-12	12P	Q 4	125-0002-93	RN2403
D 211	001-0517-90	SS355	J 601	074-1194-00	13P CE-NET	Q 6	190-1162-00	2SA1162
D 219	001-0347-11	MA4030M	J 602	074-1138-76	26P	Q 7	190-1162-00	2SA1162
D 220	001-0504-33	HZS6B2L	J 603	074-1198-68	18P	Q 8	125-2004-93	RN1403
D 221	001-0466-90	S5688B	J 604	074-1199-80	30P	Q 9	198-0669-00	2SK669
D 222	001-0466-90	S5688B	J 605	076-0312-02	2P	Q 201	198-0241-50	2SK241YGR
D 223	001-0516-90	MA111	J 903	074-1214-00	16P	Q 202	103-2353-00	2SD2353
D 223	001-0517-90	SS355	L 1	010-2275-53	220uH	Q 210	190-1298-00	2SA1298
D 225	001-0466-91	S5688G	L 2	010-3407-59	5.6uH	Q 211	125-2004-96	RN1406
D 226	001-0529-35	MA8062M	L 3	010-2285-58	BLM21A102FPB	Q 212	190-1162-00	2SA1162
D 228	001-0347-11	MA4030M	L 4	010-2285-58	BLM21A102FPB	Q 213	192-2712-00	2SC2712
D 230	001-0504-42	HZS7B3L	L 52	010-4046-00	30uH	Q 220	103-2012-00	2SD2012
D 241	001-0504-45	HZS9B1L	L 101	010-8024-00	CHOKE	Q 221	198-0241-50	2SK241YGR
D 501	001-0516-90	MA111	L 210	010-6003-03	270uH	Q 222	190-1298-00	2SA1298
D 501	001-0517-90	SS355	L 211	010-3406-66	22uH	Q 223	125-2004-93	RN1403
D 502	001-0516-90	MA111	L 213	010-3406-66	22uH	Q 224	101-0941-00	2SB941
D 502	001-0517-90	SS355	L 214	010-2230-76	22uH	Q 225	190-1162-00	2SA1162
D 503	001-0529-20	MA8039L	L 215	010-2285-56	BLM21B222S	Q 226	192-2712-00	2SC2712
D 603	001-0516-90	MA111	L 401	010-2285-56	BLM21B222S	Q 227	190-1416-00	2SA1416
D 603	001-0517-90	SS355	L 403	010-2285-56	BLM21B222S	Q 228	125-2004-93	RN1403
D 606	001-0516-90	MA111	L 406	010-2285-58	BLM21A102FPB	Q 230	191-1237-50	2SB1237QR
D 606	001-0517-90	SS355	L 408	010-2285-58	BLM21A102FPB	Q 232	191-1237-50	2SB1237QR
D 610	001-0516-90	MA111	L 409	010-2285-58	BLM21A102FPB	Q 235	193-1802-60	2SD1802
D 610	001-0517-90	SS355	L 411	010-2285-58	BLM21A102FPB	Q 236	125-0002-93	RN2403
D 651	001-7011-96	CL150SR	L 412	010-2285-58	BLM21A102FPB	Q 237	125-2004-94	RN1404
D 801	001-0516-90	MA111	L 413	010-2285-58	BLM21A102FPB	Q 238	190-1298-00	2SA1298
D 801	001-0517-90	SS355	L 414	010-2285-58	BLM21A102FPB	Q 239	125-2004-93	RN1403
D 802	001-0516-90	MA111	L 415	010-2285-56	BLM21B222S	Q 240	125-2004-96	RN1406
D 802	001-0517-90	SS355	L 416	010-2285-56	BLM21B222S	Q 241	103-2012-00	2SD2012
D 901	001-0516-90	MA111	L 417	010-2285-56	BLM21B222S	Q 242	190-1298-00	2SA1298
D 901	001-0517-90	SS355	L 418	010-2285-56	BLM21B222S	Q 243	190-1298-00	2SA1298
D 902	001-0516-90	MA111	L 419	010-2285-56	BLM21B222S	Q 244	125-0002-92	RN2402

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
Q 245	125-2004-96	RN1406	R 107	119-0000-05	0	R 307	119-4731-15	1/16W 47Kohm
Q 247	125-2004-93	RN1403	R 108	119-2291-15	1/16W 2.2ohm	R 308	032-0140-80	1/10W 18Kohm(F)
Q 249	125-2004-93	RN1403	R 109	119-2291-15	1/16W 2.2ohm	R 309	032-0140-80	1/10W 18Kohm(F)
Q 251	125-2004-93	RN1403	R 110	119-2291-15	1/16W 2.2ohm	R 310	032-0140-89	1/10W 47Kohm(F)
Q 252	125-2004-96	RN1406	R 111	119-2291-15	1/16W 2.2ohm	R 311	032-0140-89	1/10W 47Kohm(F)
Q 253	125-0002-96	RN2406	R 112	119-2711-15	1/16W 270ohm	R 312	032-0140-89	1/10W 47Kohm(F)
Q 260	125-2004-93	RN1403	R 113	119-2711-15	1/16W 270ohm	R 313	032-0140-89	1/10W 47Kohm(F)
Q 261	125-2017-97	RN1427	R 114	119-4721-15	1/16W 4.7Kohm	R 314	119-4731-15	1/16W 47Kohm
Q 262	125-2017-97	RN1427	R 115	119-4721-15	1/16W 4.7Kohm	R 315	119-1041-15	1/16W 100Kohm
Q 301	193-1306-00	2SD1306	R 116	119-4721-15	1/16W 4.7Kohm	R 316	119-3311-15	1/16W 330ohm
Q 302	193-1306-00	2SD1306	R 117	119-4721-15	1/16W 4.7Kohm	R 317	119-1041-15	1/16W 100Kohm
Q 303	193-1306-00	2SD1306	R 207	119-1011-15	1/16W 100ohm	R 318	119-1021-15	1/16W 1Kohm
Q 304	193-1306-00	2SD1306	R 210	119-1031-15	1/16W 10Kohm	R 319	119-3311-15	1/16W 330ohm
Q 305	125-2004-96	RN1406	R 211	119-4731-15	1/16W 47Kohm	R 320	119-2221-15	1/16W 2.2Kohm
Q 306	125-0002-96	RN2406	R 212	119-1531-15	1/16W 15Kohm	R 321	119-1021-15	1/16W 1Kohm
Q 308	125-2004-93	RN1403	R 213	119-1031-15	1/16W 10Kohm	R 322	119-2231-15	1/16W 22Kohm
Q 400	192-2712-00	2SC2712	R 214	119-4731-15	1/16W 47Kohm	R 323	119-2231-15	1/16W 22Kohm
Q 450	193-1306-00	2SD1306	R 215	119-2221-15	1/16W 2.2Kohm	R 324	119-3311-15	1/16W 330ohm
Q 451	193-1306-00	2SD1306	R 216	119-2221-15	1/16W 2.2Kohm	R 325	119-1021-15	1/16W 1Kohm
Q 452	193-1306-00	2SD1306	R 217	119-1031-15	1/16W 10Kohm	R 326	119-3311-15	1/16W 330ohm
Q 453	193-1306-00	2SD1306	R 218	119-1021-15	1/16W 1Kohm	R 328	119-4731-15	1/16W 47Kohm
Q 454	193-1306-00	2SD1306	R 220	119-1031-15	1/16W 10Kohm	R 329	119-4731-15	1/16W 47Kohm
Q 455	193-1306-00	2SD1306	R 221	119-3921-15	1/16W 3.9Kohm	R 330	032-0140-52	1/10W 33Kohm(F)
Q 501	125-2004-96	RN1406	R 222	119-1801-15	1/16W 18ohm	R 331	032-0140-52	1/10W 33Kohm(F)
Q 502	125-0002-96	RN2406	R 223	119-1031-15	1/16W 10Kohm	R 332	032-0140-89	1/10W 47Kohm(F)
Q 503	192-2712-00	2SC2712	R 224	116-1591-15	1/4WS 1.5ohm	R 334	032-0140-89	1/10W 47Kohm(F)
Q 601	125-2004-92	RN1402	R 225	116-1591-15	1/4WS 1.5ohm	R 335	032-0140-52	1/10W 33Kohm(F)
Q 602	125-2004-93	RN1403	R 226	119-4731-15	1/16W 47Kohm	R 336	032-0140-52	1/10W 33Kohm(F)
Q 603	190-1162-00	2SA1162	R 227	119-3321-15	1/16W 3.3Kohm	R 337	032-0140-89	1/10W 47Kohm(F)
Q 604	125-2004-92	RN1402	R 228	119-3321-15	1/16W 3.3Kohm	R 338	032-0140-89	1/10W 47Kohm(F)
Q 605	125-2004-92	RN1402	R 229	116-1591-15	1/4WS 1.5ohm	R 339	119-1021-15	1/16W 1Kohm
Q 606	125-2004-92	RN1402	R 234	119-1021-15	1/16W 1Kohm	R 340	119-2731-15	1/16W 27Kohm
Q 617	125-2004-93	RN1403	R 235	116-1221-15	1/4WS 1.2Kohm	R 341	119-2731-15	1/16W 27Kohm
Q 618	125-2004-96	RN1406	R 236	119-1031-15	1/16W 10Kohm	R 344	119-3331-15	1/16W 33Kohm
Q 619	125-2004-93	RN1403	R 237	119-1031-15	1/16W 10Kohm	R 346	119-3331-15	1/16W 33Kohm
Q 620	125-2004-93	RN1403	R 238	119-3321-15	1/16W 3.3Kohm	R 347	119-1031-15	1/16W 10Kohm
Q 801	125-2004-92	RN1402	R 239	119-1221-15	1/16W 1.2Kohm	R 348	119-1031-15	1/16W 10Kohm
R 1	119-1021-15	1/16W 1Kohm	R 240	116-4711-15	1/4WS 470ohm	R 349	119-4331-15	1/16W 43Kohm
R 3	119-3311-15	1/16W 330ohm	R 242	116-4711-15	1/4WS 470ohm	R 350	119-1031-15	1/16W 10Kohm
R 4	119-0000-05	0	R 243	119-1031-15	1/16W 10Kohm	R 351	119-1031-15	1/16W 10Kohm
R 5	119-4721-15	1/16W 4.7Kohm	R 244	111-4700-98	1/4W 47ohm	R 352	119-4331-15	1/16W 43Kohm
R 6	119-1021-15	1/16W 1Kohm	R 245	119-1031-15	1/16W 10Kohm	R 353	119-1041-15	1/16W 100Kohm
R 7	119-5621-15	1/16W 5.6Kohm	R 246	116-1591-15	1/4WS 1.5ohm	R 354	119-1041-15	1/16W 100Kohm
R 8	119-1031-15	1/16W 10Kohm	R 247	119-2231-15	1/16W 22Kohm	R 356	119-1041-15	1/16W 100Kohm
R 10	119-2221-15	1/16W 2.2Kohm	R 248	119-1031-15	1/16W 10Kohm	R 357	119-1041-15	1/16W 100Kohm
R 12	116-3311-15	1/4W 330ohm	R 249	116-1221-15	1/4WS 1.2Kohm	R 358	119-1041-15	1/16W 100Kohm
R 14	119-5631-15	1/16W 56Kohm	R 252	116-1521-15	1/4WS 1.5Kohm	R 359	119-1041-15	1/16W 100Kohm
R 16	119-2221-15	1/16W 2.2Kohm	R 253	119-4711-15	1/16W 470ohm	R 360	119-1041-15	1/16W 100Kohm
R 17	119-5631-15	1/16W 56Kohm	R 255	111-4700-98	1/4W 47ohm	R 361	119-1041-15	1/16W 100Kohm
R 18	119-1031-15	1/16W 10Kohm	R 256	116-1221-15	1/4WS 1.2Kohm	R 362	119-1011-15	1/16W 100ohm
R 19	119-1031-15	1/16W 10Kohm	R 257	116-1221-15	1/4WS 1.2Kohm	R 363	119-1011-15	1/16W 100ohm
R 20	119-1231-15	1/16W 12Kohm	R 260	116-3911-15	1/4W 390ohm	R 364	119-1011-15	1/16W 100ohm
R 21	119-1021-15	1/16W 1Kohm	R 261	119-2291-15	1/16W 2.2ohm	R 365	119-1011-15	1/16W 100ohm
R 23	119-2711-15	1/16W 270ohm	R 262	119-2291-15	1/16W 2.2ohm	R 366	119-4731-15	1/16W 47Kohm
R 24	119-1521-15	1/16W 1.5Kohm	R 263	119-1531-15	1/16W 15Kohm	R 367	119-1031-15	1/16W 10Kohm
R 25	119-1521-15	1/16W 1.5Kohm	R 264	119-2721-15	1/16W 2.7Kohm	R 368	119-1031-15	1/16W 10Kohm
R 26	119-1031-15	1/16W 10Kohm	R 265	116-4711-15	1/4W 470ohm	R 380	119-1041-15	1/16W 100Kohm
R 27	119-1021-15	1/16W 1Kohm	R 266	116-4711-15	1/4W 470ohm	R 381	119-1041-15	1/16W 100Kohm
R 28	119-1021-15	1/16W 1Kohm	R 267	119-4731-15	1/16W 47Kohm	R 400	119-0000-05	0
R 29	119-8211-15	1/16W 820ohm	R 301	119-1231-15	1/16W 12Kohm	R 401	119-1041-15	1/16W 100Kohm
R 30	119-1041-15	1/16W 100Kohm	R 302	119-1231-15	1/16W 12Kohm	R 402	119-3311-15	1/16W 330ohm
R 31	119-1031-15	1/16W 10Kohm	R 303	032-0140-99	1/10W 39Kohm(F)	R 403	119-1041-15	1/16W 100Kohm
R 101	119-1231-15	1/16W 12Kohm	R 304	032-0140-99	1/10W 39Kohm(F)	R 404	119-3311-15	1/16W 330ohm
R 102	119-1031-15	1/16W 10Kohm	R 305	032-0140-80	1/10W 18Kohm(F)	R 405	119-1221-15	1/16W 1.2Kohm
R 105	119-1021-15	1/16W 1Kohm	R 306	032-0140-80	1/10W 18Kohm(F)	R 406	119-1521-15	1/16W 1.5Kohm

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R 410	1170000-05	0	R 475	119-3311-15	1/16W 330ohm	R 636	119-2421-15	1/16W 2.4Kohm
R 415	119-1011-15	1/16W 100ohm	R 476	119-3311-15	1/16W 330ohm	R 637	119-1241-15	1/16W 120Kohm
R 416	119-2711-15	1/16W 270ohm	R 477	119-3311-15	1/16W 330ohm	R 638	119-4731-15	1/16W 47Kohm
R 417	119-2711-15	1/16W 270ohm	R 478	119-3311-15	1/16W 330ohm	R 639	119-4721-15	1/16W 4.7Kohm
R 418	119-2711-15	1/16W 270ohm	R 479	119-3311-15	1/16W 330ohm	R 640	119-4731-15	1/16W 47Kohm
R 424	119-2711-15	1/16W 270ohm	R 480	119-1021-15	1/16W 1Kohm	R 641	119-1831-15	1/16W 18Kohm
R 428	119-0000-05	0	R 481	119-1021-15	1/16W 1Kohm	R 642	119-1031-15	1/16W 10Kohm
R 434	119-3311-15	1/16W 330ohm	R 482	119-1021-15	1/16W 1Kohm	R 643	119-5621-15	1/16W 5.6Kohm
R 435	119-3311-15	1/16W 330ohm	R 495	119-1041-15	1/16W 100Kohm	R 644	119-1541-15	1/16W 150Kohm
R 437	119-1011-15	1/16W 100ohm	R 496	119-1041-15	1/16W 100Kohm	R 645	119-8221-15	1/16W 8.2Kohm
R 438	119-1521-15	1/16W 1.5Kohm	R 531	119-0000-05	0	R 646	119-4321-15	1/16W 4.3Kohm
R 439	119-4711-15	1/16W 470ohm	R 532	119-0000-05	0	R 647	119-1021-15	1/16W 1Kohm
R 440	119-1011-15	1/16W 100ohm	R 537	119-8221-15	1/16W 8.2Kohm	R 648	119-1021-15	1/16W 1Kohm
R 441	119-8211-15	1/16W 820ohm	R 538	119-1021-15	1/16W 1Kohm	R 649	119-4731-15	1/16W 47Kohm
R 442	119-8211-15	1/16W 820ohm	R 540	119-2231-15	1/16W 22Kohm	R 660	119-4731-15	1/16W 47Kohm
R 443	119-8211-15	1/16W 820ohm	R 551	119-2221-15	1/16W 2.2Kohm	R 661	119-4731-15	1/16W 47Kohm
R 444	119-8211-15	1/16W 820ohm	R 552	119-2221-15	1/16W 2.2Kohm	R 677	119-1031-15	1/16W 10Kohm
R 445	119-8211-15	1/16W 820ohm	R 553	119-2221-15	1/16W 2.2Kohm	R 679	119-1031-15	1/16W 10Kohm
R 450	119-1041-15	1/16W 100Kohm	R 555	119-0000-05	0	R 680	119-1021-15	1/16W 1Kohm
R 451	119-1041-15	1/16W 100Kohm	R 556	119-0000-05	0	R 692	119-0000-05	0
R 453	119-1041-15	1/16W 100Kohm	R 558	119-0000-05	0	R 693	119-0000-05	0
R 455	119-1041-15	1/16W 100Kohm	R 560	119-0000-05	0	R 801	119-3331-15	1/16W 33Kohm
R 456	119-1031-15	1/16W 10Kohm	R 572	119-0000-05	0	R 802	119-1031-15	1/16W 10Kohm
R 457	119-1031-15	1/16W 10Kohm	R 573	119-0000-05	0	R 803	119-1041-15	1/16W 100Kohm
R 458	119-1031-15	1/16W 10Kohm	R 576	119-3311-15	1/16W 330ohm	R 804	119-2211-15	1/16W 220ohm
R 459	119-1031-15	1/16W 10Kohm	R 602	116-1221-15	1/4WS 1.2Kohm	R 805	119-1231-15	1/16W 12Kohm
R 460	119-1031-15	1/16W 10Kohm	R 603	116-6801-15	1/4WS 68ohm	R 806	119-3321-15	1/16W 3.3Kohm
R 461	119-1031-15	1/16W 10Kohm	R 604	119-3321-15	1/16W 3.3Kohm	R 807	119-0000-05	0
R 462	119-4731-15	1/16W 47Kohm	R 605	119-3321-15	1/16W 3.3Kohm	R 901	119-6801-15	1/16W 68ohm
R 463	119-8221-15	1/16W 8.2Kohm	R 607	119-2231-15	1/16W 22Kohm	R 902	119-6801-15	1/16W 68ohm
R 464	119-8221-15	1/16W 8.2Kohm	R 608	119-1031-15	1/16W 10Kohm	R 903	119-5611-15	1/16W 560ohm
R 465	119-4731-15	1/16W 47Kohm	R 609	119-4731-15	1/16W 47Kohm	R 904	119-3331-15	1/16W 33Kohm
R 466	119-8221-15	1/16W 8.2Kohm	R 610	119-4721-15	1/16W 4.7Kohm	S 602	013-7106-00	TKR00120670MM
R 467	119-8221-15	1/16W 8.2Kohm	R 619	119-3311-15	1/16W 330ohm	S 603	013-7206-50	SPPB530701
R 468	119-2231-15	1/16W 22Kohm	R 623	119-1521-15	1/16W 1.5Kohm	SUP 51	060-0122-91	DSP-141N-S00B
R 469	119-2231-15	1/16W 22Kohm	R 625	119-1041-15	1/16W 100Kohm	VR 101	012-4738-13	VARIABLE-R
R 470	119-2231-15	1/16W 22Kohm	R 626	119-1041-15	1/16W 100Kohm	X 1	061-1066-00	7.2MHz
R 471	119-2231-15	1/16W 22Kohm	R 627	119-4731-15	1/16W 47Kohm	X 601	060-1505-50	10MHz
R 472	119-2231-15	1/16W 22Kohm	R 628	119-4731-15	1/16W 47Kohm	X 602	060-0100-01	CB13PA-215
R 473	119-2231-15	1/16W 22Kohm	R 630	119-0000-05	0	X 801	061-3013-00	4.33MHz
R 474	119-3311-15	1/16W 330ohm	R 635	119-1041-15	1/16W 100Kohm			

Sub PWB (B2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 500	042-0416-52	10V 10uF	C 523	043-0264-63	0.01uF	R 509	032-0140-80	1/10W 18Kohm(F)
C 501	042-0416-52	10V 10uF	C 524	043-0264-63	0.01uF	R 510	032-0140-56	1/10W 12Kohm(F)
C 502	042-0416-52	10V 10uF	C 525	043-0264-63	0.01uF	R 511	032-0140-56	1/10W 12Kohm(F)
C 503	042-0416-52	10V 10uF	C 540	042-0416-52	10V 10uF	R 513	032-0140-98	1/10W 330ohm (F)
C 504	042-0416-52	10V 10uF	C 541	042-0416-52	10V 10uF	R 514	032-0140-98	1/10W 330ohm (F)
C 505	042-0416-52	10V 10uF	C 542	166-2201-50	50V 22pF	R 515	032-0140-98	1/10W 330ohm (F)
C 506	042-0416-52	10V 10uF	C 543	166-2201-50	50V 22pF	R 516	032-0140-98	1/10W 330ohm (F)
C 507	042-0416-52	10V 10uF	IC 507	051-3026-90	NJM4580V	R 517	032-0140-98	1/10W 330ohm (F)
C 508	043-0264-63	0.01uF	IC 508	051-3026-90	NJM4580V	R 518	032-0140-98	1/10W 330ohm (F)
C 509	166-2711-50	50V 270pF	IC 510	051-3026-90	NJM4580V	R 519	032-0140-80	1/10W 18Kohm (F)
C 510	166-2711-50	50V 270pF	P 500	076-0659-12	12P	R 520	032-0140-98	1/10W 330ohm (F)
C 511	043-0264-63	0.01uF	P 501	076-0659-12	12P	R 521	032-0140-80	1/10W 18Kohm (F)
C 512	043-0264-63	0.01uF	R 500	032-0140-56	1/10W 12Kohm(F)	R 522	032-0140-98	1/10W 330ohm (F)
C 513	166-2711-50	50V 270pF	R 501	032-0140-56	1/10W 12Kohm(F)	R 523	032-0140-80	1/10W 18Kohm (F)
C 514	166-2711-50	50V 270pF	R 502	032-0140-80	1/10W 18Kohm(F)	R 524	032-0140-80	1/10W 18Kohm (F)
C 515	043-0264-63	0.01uF	R 503	032-0140-80	1/10W 18Kohm(F)	R 565	119-1041-15	1/16W 100Kohm
C 518	166-2711-50	50V 270pF	R 504	032-0140-56	1/10W 12Kohm(F)	R 567	119-1041-15	1/16W 100Kohm
C 519	166-2711-50	50V 270pF	R 505	032-0140-56	1/10W 12Kohm(F)	R 568	119-1531-15	1/16W 15Kohm
C 520	166-2711-50	50V 270pF	R 506	032-0140-56	1/10W 12Kohm(F)	R 569	119-1531-15	1/16W 15Kohm
C 521	166-2711-50	50V 270pF	R 507	032-0140-56	1/10W 12Kohm(F)	R 570	119-2231-15	1/16W 22Kohm
C 522	043-0264-63	0.01uF	R 508	032-0140-80	1/10W 18Kohm(F)	R 571	119-2231-15	1/16W 22Kohm

Switch PWB (B3) section

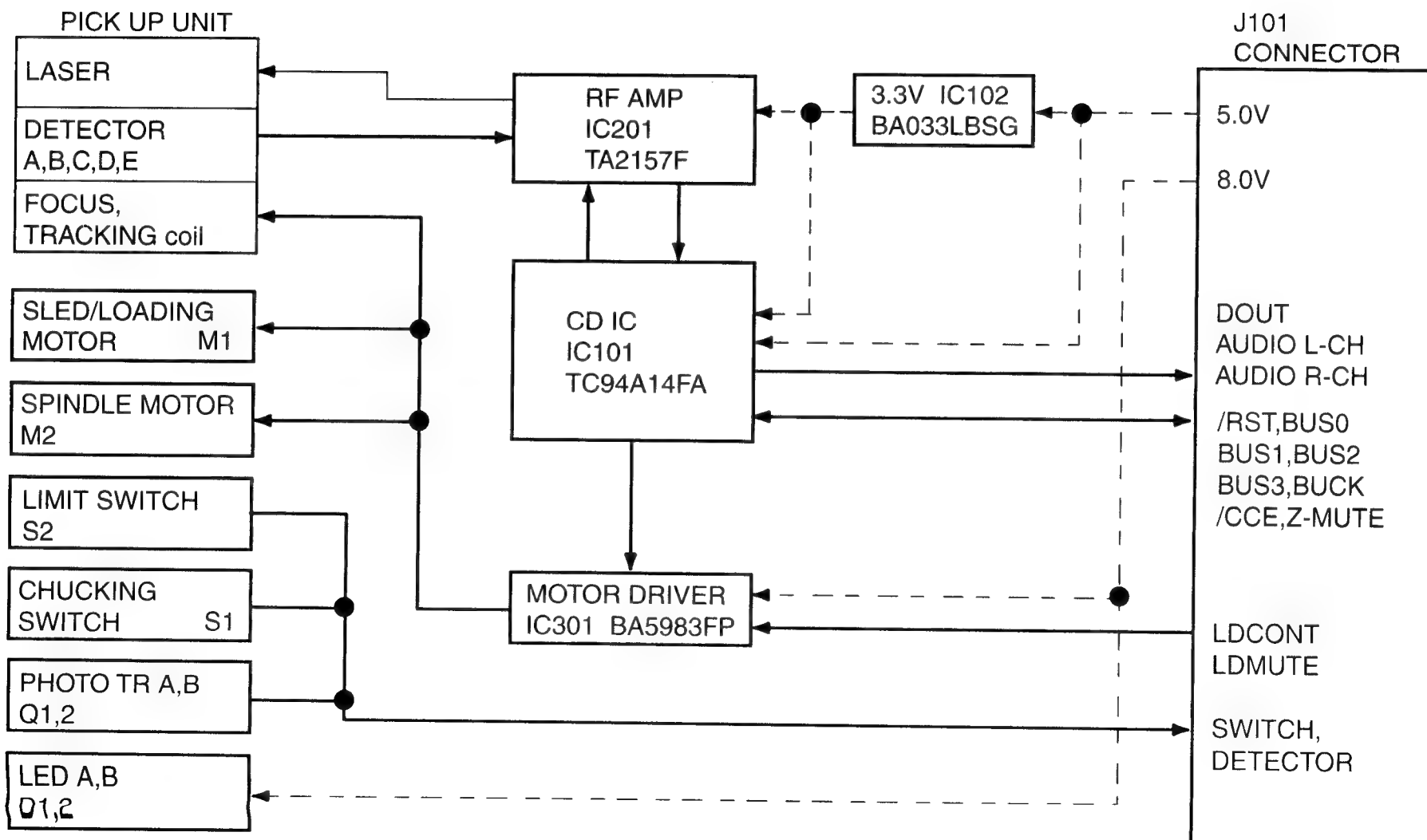
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 710	042-0416-52	10V 10uF TAN	IC 703	051-6618-18	M66006FP-41A	R 779	119-1041-15	1/16W 100Kohm
C 710	042-0416-51	6.3V 10uF TAN	IR 701	060-4008-00	RS-170	R 780	119-1041-15	1/16W 100Kohm
C 711	168-1042-78	25V 0.1uF	Q 722	060-4011-80	CPT-182S-C	R 782	119-1011-15	1/16W 100ohm
D 721	001-7064-90	SR CL-170	Q 723	192-2712-00	2SC2712	R 783	119-1041-15	1/16W 100Kohm
D 722	001-7043-90	FG CL-170	R 749	119-2221-15	1/16W 2.2Kohm	R 784	119-2021-15	1/16W 2Kohm
D 723	001-7064-90	SR CL-170	R 750	119-2221-15	1/16W 2.2Kohm	R 789	119-1521-15	1/16W 1.5Kohm
D 724	001-7043-90	FG CL-170	R 751	119-1221-15	1/16W 1.2Kohm	R 790	119-1521-15	1/16W 1.5Kohm
D 725	001-7064-90	SR CL-170	R 752	119-1221-15	1/16W 1.2Kohm	R 798	119-0000-05	0
D 726	001-7043-90	FG CL-170	R 753	119-1221-15	1/16W 1.2Kohm	R 799	119-0000-05	0
D 727	001-7064-90	SR CL-170	R 754	119-1221-15	1/16W 1.2Kohm	S 702	013-8004-50	SRGP300/00
D 728	001-7043-90	FG CL-170	R 755	119-1221-15	1/16W 1.2Kohm	S 703	013-6519-50	LS9J2M-2SR/FG
D 729	001-7064-90	SR CL-170	R 756	119-1221-15	1/16W 1.2Kohm	S 704	013-6519-50	LS9J2M-2SR/FG
D 730	001-7043-90	FG CL-170	R 757	119-1221-15	1/16W 1.2Kohm	S 705	013-6519-50	LS9J2M-2SR/FG
D 731	001-7064-90	SR CL-170	R 758	119-1221-15	1/16W 1.2Kohm	S 706	013-6507-50	LS8J2M-T
D 732	001-7043-90	FG CL-170	R 759	119-1221-15	1/16W 1.2Kohm	S 707	013-6519-50	LS9J2M-2SR/FG
D 733	001-7064-90	SR CL-170	R 760	119-1221-15	1/16W 1.2Kohm	S 708	013-6519-50	LS9J2M-2SR/FG
D 734	001-7043-90	FG CL-170	R 761	119-1221-15	1/16W 1.2Kohm	S 709	013-6519-50	LS9J2M-2SR/FG
D 735	001-7064-90	SR CL-170	R 762	119-1221-15	1/16W 1.2Kohm	S 710	013-6519-50	LS9J2M-2SR/FG
D 736	001-7043-90	FG CL-170	R 763	119-1521-15	1/16W 1.5Kohm	S 711	013-6507-50	LS8J2M-T
D 737	001-7043-90	FG CL-170	R 764	119-1521-15	1/16W 1.5Kohm	S 712	013-6519-50	LS9J2M-2SR/FG
D 738	001-7043-90	FG CL-170	R 765	119-1221-15	1/16W 1.2Kohm	S 713	013-6519-50	LS9J2M-2SR/FG
D 739	001-7040-90	NSCB100	R 766	119-1221-15	1/16W 1.2Kohm	S 714	013-6519-50	LS9J2M-2SR/FG
D 751	001-0516-90	MA111	R 769	119-1221-15	1/16W 1.2Kohm	S 715	013-6519-50	LS9J2M-2SR/FG
D 751	001-0517-90	SS355	R 770	119-1221-15	1/16W 1.2Kohm	S 716	013-6507-50	LS8J2M-T
D 752	001-0516-90	MA111	R 771	119-1031-15	1/16W 10Kohm	S 717	013-6519-50	LS9J2M-2SR/FG
D 752	001-0517-90	SS355	R 772	119-1031-15	1/16W 10Kohm	S 718	013-6519-50	LS9J2M-2SR/FG
D 753	001-0516-90	MA111	R 773	119-1031-15	1/16W 10Kohm	S 719	013-6519-50	LS9J2M-2SR/FG
D 753	001-0517-90	SS355	R 774	119-1031-15	1/16W 10Kohm	S 720	013-6519-50	LS9J2M-2SR/FG
D 754	001-0516-90	MA111	R 775	119-1031-15	1/16W 10Kohm	S 722	013-6519-50	LS9J2M-2SR/FG
D 754	001-0517-90	SS355	R 776	119-1041-15	1/16W 100Kohm	S 723	013-6519-50	LS9J2M-2SR/FG
D 755	001-0516-90	MA111	R 777	119-1041-15	1/16W 100Kohm	S 724	013-6507-50	LS8J2M-T
D 755	001-0517-90	SS355	R 778	119-1041-15	1/16W 100Kohm	S 725	013-6519-50	LS9J2M-2SR/FG

Switch Sub PWB (B4) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
P 701	076-0647-00	16P	P 702	076-0658-08	18P	P 703	076-0658-08	18P

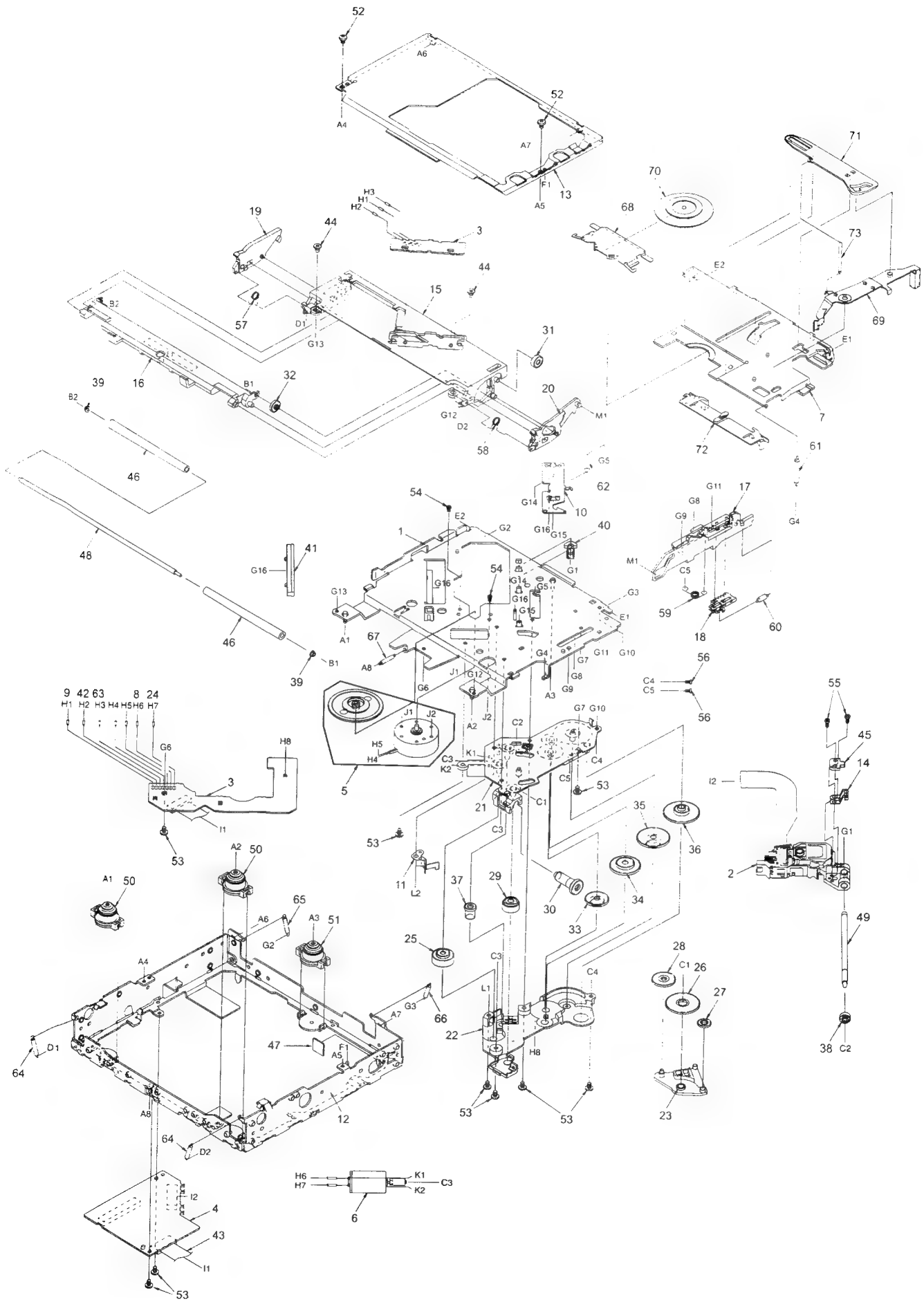
LCD PWB (B5) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 701	168-1032-55	50V 0.01uF	IC 701	052-7061-01	M30624MGA-E85GP	R 720	032-0140-98	1/10W 330ohm (F)
C 702	042-0416-52	10V 10uF TAN	IC 702	051-6057-00	ML9090-01	R 721	032-0140-98	1/10W 330ohm (F)
C 702	042-0416-51	6.3V 10uF TAN	P 702	074-1195-78	28P	R 722	032-0140-98	1/10W 330ohm (F)
C 703	042-0416-50	16V 4.7uF TAN	Q 701	125-2004-93	RN1403	R 723	032-0140-98	1/10W 330ohm (F)
C 704	042-0416-50	16V 4.7uF TAN	Q 702	125-2004-93	RN1403	R 724	032-0140-98	1/10W 330ohm (F)
C 705	042-0416-52	10V 10uF TAN	Q 703	125-2004-93	RN1403	R 725	032-0140-98	1/10W 330ohm (F)
C 705	042-0416-51	6.3V 10uF TAN	Q 704	125-2004-93	RN1403	R 726	032-0140-98	1/10W 330ohm (F)
C 706	168-1042-78	50V 0.1uF	Q 705	125-2004-93	RN1403	R 727	032-0140-98	1/10W 330ohm (F)
C 709	168-1042-78	50V 0.1uF	Q 706	125-2004-93	RN1403	R 728	032-0140-98	1/10W 330ohm (F)
C 712	168-1032-55	50V 0.01uF	Q 707	125-2004-93	RN1403	R 729	032-0140-98	1/10W 330ohm (F)
D 701	001-7062-90	RBR1111C	Q 708	125-2004-93	RN1403	R 730	032-0140-98	1/10W 330ohm (F)
D 702	001-7062-90	RBR1111C	Q 709	125-2004-93	RN1403	R 731	032-0140-98	1/10W 330ohm (F)
D 703	001-7062-90	RBR1111C	Q 710	190-1162-00	2SA1162	R 732	119-1811-15	1/16W 180ohm
D 704	001-7062-90	RBR1111C	Q 711	192-2712-51	2SC2712GL	R 733	119-1811-15	1/16W 180ohm
D 705	001-7062-90	RBR1111C	R 701	116-2711-15	1/4WS 270ohm	R 734	119-1811-15	1/16W 180ohm
D 706	001-7062-90	RBR1111C	R 702	116-2711-15	1/4WS 270ohm	R 735	119-1811-15	1/16W 180ohm
D 707	001-7062-90	RBR1111C	R 703	116-2711-15	1/4WS 270ohm	R 736	119-1521-15	1/16W 1.5Kohm
D 708	001-7062-90	RBR1111C	R 704	116-2711-15	1/4WS 270ohm	R 740	119-1041-15	1/16W 100Kohm
D 709	001-7062-90	RBR1111C	R 705	116-2711-15	1/4WS 270ohm	R 748	119-1031-15	1/16W 10Kohm
D 710	001-7055-90	NSCWS405T	R 706	116-2711-15	1/4WS 270ohm	R 749	119-4731-15	1/16W 47Kohm
D 711	001-7055-90	NSCWS405T	R 707	116-2711-15	1/4WS 270ohm	R 786	119-4721-15	1/16W 4.7Kohm
D 712	001-7055-90	NSCWS405T	R 708	116-2711-15	1/4WS 270ohm	R 787	119-4721-15	1/16W 4.7Kohm
D 713	001-7055-90	NSCWS405T	R 709	116-2711-15	1/4WS 270ohm	R 799	116-2711-15	1/4WS 270ohm
D 714	001-7055-90	NSCWS405T	R 717	032-0140-00	1/10W 56Kohm(F)	S 701	013-6507-50	LS8J2M-T
D 715	001-7055-90	NSCWS405T	R 718	032-0140-53	1/10W 2.2Kohm(F)	S 726	013-7411-60	ESE2131BTXU
D 716	001-7062-90	RBR1111C	R 719	032-0140-98	1/10W 330ohm(F)	X 701	060-1505-50	10MHz



EXPLODED VIEW:

CD mechanism section 929-0220-83



PARTS LIST:

CD mechanism section 929-0220-83

NO.	PARTS NO.	DESCRIPTION	QTY	NO.	PARTS NO.	DESCRIPTION	QTY
1	966-0595-25	DRIVE PLATE ASSY	1	37	621-0620-20	THREAD GEAR A	1
2	969-0060-30	PICK UP UNIT	1	38	621-0621-20	THREAD GEAR B	1
3	039-1944-21	LED PWB (WITHOUT COMPONENT)	1	39	621-0622-21	ROLLER SLEEVE	2
4	039-1945-20	CD PWB (WITHOUT COMPONENT)	1	40	621-0623-22	LS-HOLDER	1
5	SMA-182-100	MOTOR ASSY(SPINDE)	1	41	621-0624-22	GUIDE RAIL	1
6	SMA-183-100	MOTOR ASSY(SLED)	1	42	816-2593-00	LEAD WIRE(PUR)	1
7	620-1022-25	CLAMPER LINK	1	43	816-2542-01	FLAT WIRE(10P)	1
8	803-4906-60	VINYL COAT WIRE(ORG)	1	44	716-3473-00	SCREW	2
9	816-2591-00	LEAD WIRE(YEL)	1	45	621-0709-20	SH-BASE	1
10	620-1025-22	ID-LOCK PLATE	1	46	621-0629-20	LOADING ROLLER	2
11	620-1026-21	SPRING PLATE	1	47	345-8704-20	CUSHION RUBBER	1
12	620-1027-26	LOWER CHASSIS	1	48	622-1660-20	ROLLER SHAFT	1
13	620-1028-23	UPPER CHASSIS	1	49	624-0018-01	LEAD SCREW	1
14	966-0638-20	SH-RACK ASSY	1	50	629-0081-20	DAMPER F	2
15	621-0598-26	UPPER GUIDE	1	51	629-0082-20	DAMPER R	1
16	621-0718-20	ROLLER GUIDE	1	52	714-2003-81	MACHINE SCREW	2
17	621-0600-26	SHIFT LEVER	1	53	716-1507-00	SCREW	9
18	621-0601-21	RACK	1	54	716-1733-00	SCREW	2
19	621-0602-22	LOCK ARM(L)	1	55	716-3469-00	SCREW	2
20	621-0603-25	LOCK ARM(R)	1	56	716-3446-00	SCREW	2
21	621-0724-20	GEAR BASE	1	57	750-3465-21	ROLLER SPRING(L)	1
22	621-0605-22	GEAR COVER	1	58	750-3466-20	ROLLER SPRING(R)	1
23	621-0606-21	IDLE CASE	1	59	750-3467-21	SHIFT SPRING	1
24	816-2590-00	VINYL COAT WIRE(GRN)	1	60	750-3468-20	RACK SPRING	1
25	621-0608-21	SECOND GEAR	1	61	750-3469-20	CLAMPER SPRING	1
26	621-0609-20	BASE GEAR	1	62	750-3470-20	ID-LOCK SPRING	1
27	621-0610-20	IDLE GEAR A	1	63	816-2592-00	LEAD WIRE(BLU)	1
28	621-0611-20	IDLE GEAR B	1	64	750-3472-21	DR-SPRING F	2
29	621-0612-21	ROLLER GEAR A	1	65	750-3473-20	DR-SPRING RA	1
30	621-0613-20	ROLLER GEAR B	1	66	750-3474-20	DR-SPRING RB	1
31	621-0614-20	ROLLER GEAR C	1	67	750-3475-21	DR-SPRING C	1
32	621-0615-21	ROLLER GEAR D	1	68	620-1023-23	CLAMPER PLATE	1
33	621-0616-20	POWER GEAR A	1	69	620-1024-23	SENSOR ARM	1
34	621-0617-20	POWER GEAR B	1	70	621-0708-20	CLAMPER RING	1
35	621-0618-20	POWER GEAR C	1	71	621-0626-21	STOPPER LINK	1
36	621-0619-20	POWER GEAR D	1	72	621-0627-21	DISC STOPPER	1
				73	750-3471-20	SENSOR SPRING	1

ELECTRICAL PARTS LIST :

CD mechanism (B6) section 929-0220-83

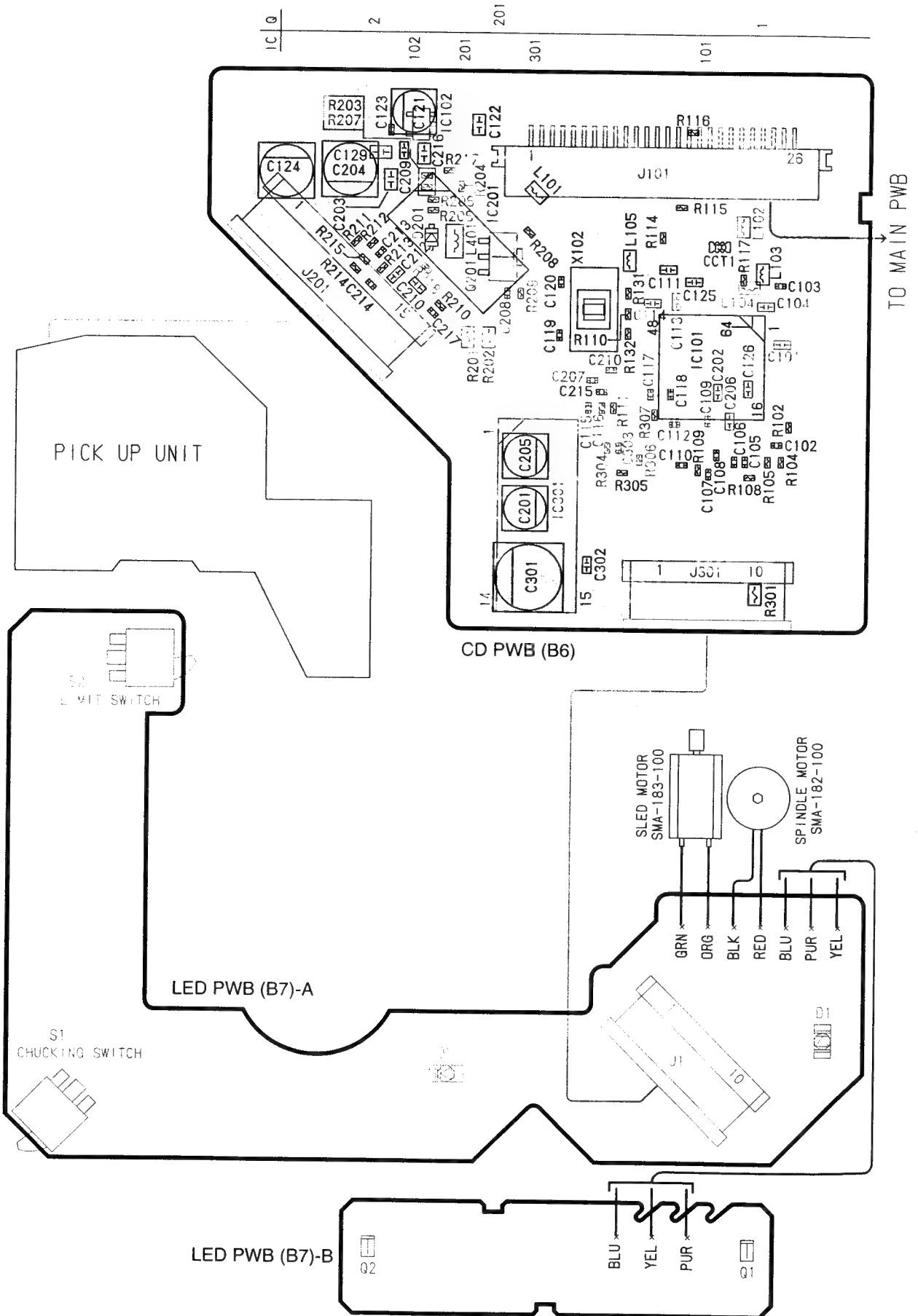
REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 101	168-1042-78	0.1uF	C 207	043-0533-50	0.047uF	R 109	033-1031-15	1/16W 10kohm
C 102	045-4701-50	47pF	C 208	046-6822-58	6800pF	R 110	033-1051-15	1/16W 1Mohm
C 103	046-4722-58	4700pF	C 209	168-1042-78	0.1uF	R 111	033-3321-15	1/16W 3.3kohm
C 104	168-1042-78	0.1uF	C 210	043-0533-50	0.047uF	R 114	033-2211-15	1/16W 220ohm
C 105	046-1532-78	0.015uF	C 211	168-1042-78	0.1uF	R 115	033-2211-15	1/16W 220ohm
C 106	046-1032-78	0.01uF	C 212	168-1042-78	0.1uF	R 116	033-1031-15	1/16W 10kohm
C 107	046-1032-78	0.01uF	C 213	045-5096-50	5pF	R 117	033-1021-15	1/16W 1kohm
C 108	046-4722-58	4700pF	C 214	045-5601-50	56pF	R 131	033-4711-15	1/16W 470ohm
C 109	046-1522-58	1500pF	C 215	043-0533-50	0.047uF	R 132	033-2211-15	1/16W 220ohm
C 110	046-3332-78	0.033uF	C 216	178-1052-78	1uF	R 201	117-2201-15	1/10W 22ohm
C 111	168-1042-78	0.1uF	C 217	045-1011-50	100pF	R 202	117-2201-15	1/10W 22ohm
C 112	046-3332-78	0.033uF	C 301	163-1073-35	16V 100uF	R 203	033-1041-15	1/16W 100kohm
C 113	168-1042-78	0.1uF	C 302	168-1042-78	0.1uF	R 204	033-1041-15	1/16W 100kohm
C 114	168-1042-78	0.1uF	C 303	043-0533-50	0.047uF	R 205	033-1041-15	1/16W 100kohm
C 115	046-4712-58	470pF	D 201	001-0516-90	MA111	R 206	033-1041-15	1/16W 100kohm
C 116	046-4712-58	470pF	IC 101	051-6376-00	TC94A14FA	R 207	033-1041-15	1/16W 100kohm
C 117	043-0533-50	0.047uF	IC 102	051-3279-90	BA033LBSG	R 208	033-8231-15	1/16W 82kohm
C 118	043-0533-50	0.047uF	IC 201	051-5710-90	TA2157F	R 209	033-6811-15	1/16W 680ohm
C 119	045-2701-50	27pF	IC 301	051-6049-08	BA5983FP-E2	R 210	033-6831-15	1/16W 68kohm
C 120	045-1801-50	18pF	J 101	074-1228-76	26P	R 211	033-1831-15	1/16W 18kohm
C 121	163-1063-35	16V 10uF	J 201	074-1138-65	15P	R 212	033-2721-15	1/16W 2.7kohm
C 122	178-1052-78	1uF	J 301	074-1138-60	10P	R 213	033-1011-15	1/16W 100ohm
C 123	046-1032-78	0.01uF	L 101	010-2285-57	BLM21B102SPT	R 214	033-1021-15	1/16W 1kohm
C 124	163-1073-05	4V 100uF	L 102	010-2285-57	BLM21B102SPT	R 215	033-1031-15	1/16W 10kohm
C 125	168-1042-78	0.1uF	L 103	010-2285-57	BLM21B102SPT	R 217	033-1041-15	1/16W 100kohm
C 126	168-1042-78	0.1uF	L 104	010-2285-57	BLM21B102SPT	R 218	033-2211-15	1/16W 220ohm
C 129	178-1052-78	1uF	L 105	010-2285-57	BLM21B102SPT	R 301	117-6811-15	1/16W 680ohm
C 201	163-3363-05	4V 33uF	L 401	010-2155-93	10uH	R 304	033-3921-15	1/16W 3.9kohm
C 202	168-1042-78	0.1uF	Q 201	131-1188-50	2SB1188	R 305	033-3921-15	1/16W 3.9kohm
C 203	178-1052-78	1uF	R 102	033-5621-15	1/16W 5.6kohm	R 306	033-1041-15	1/16W 100kohm
C 204	163-1073-05	4V 100uF	R 104	033-4731-15	1/16W 47kohm	R 307	033-2211-15	1/16W 220ohm
C 205	163-3363-05	4V 33uF	R 105	033-1041-15	1/16W 100kohm	X 102	060-1528-90	16.934M
C 206	168-1042-78	0.1uF	R 108	033-1531-15	1/16W 15kohm			

LED PWB (B7) section

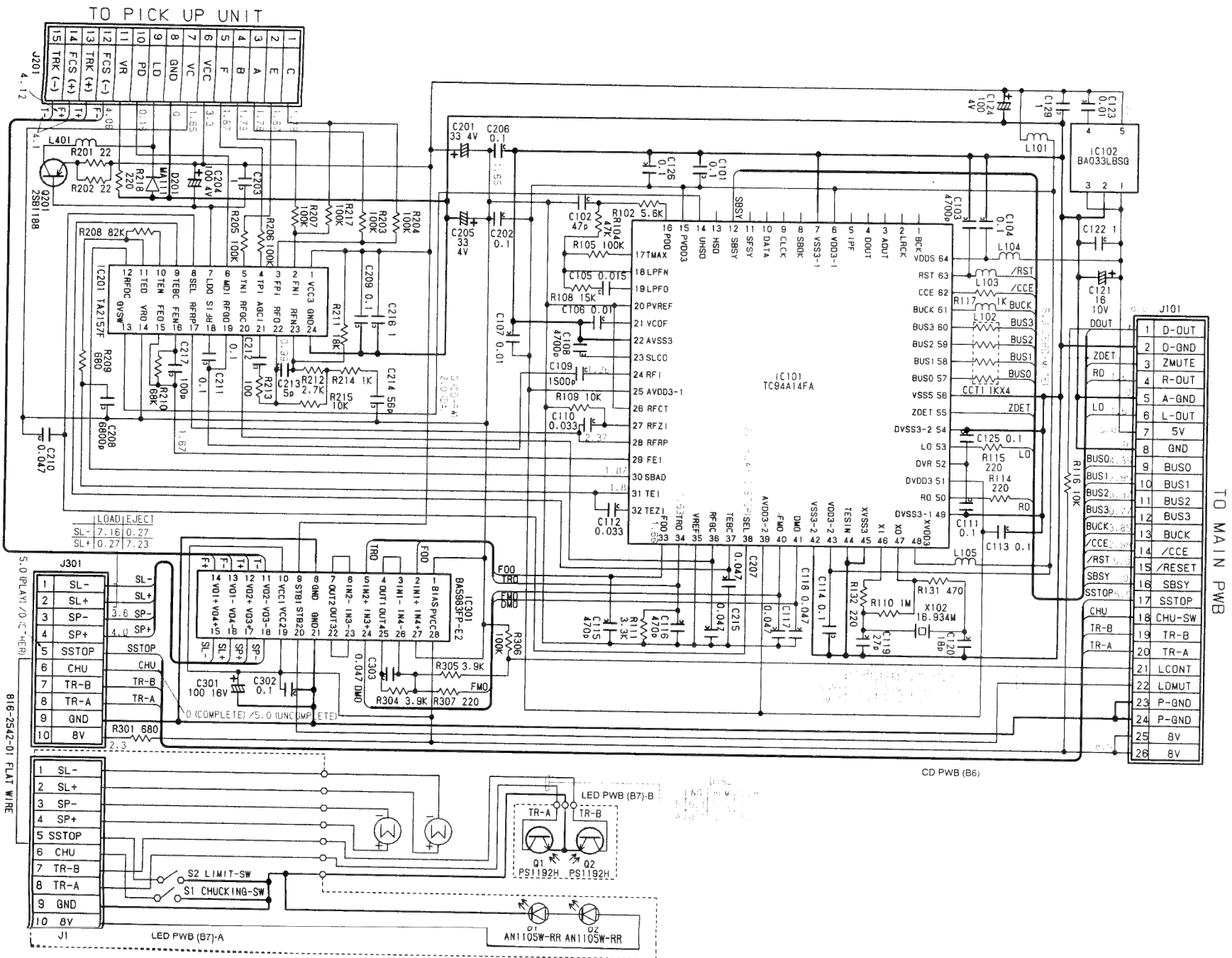
REF No.	PART No.	DESCRIPTION
D 1	001-7058-90	AN1105W-RR
D 2	001-7058-90	AN1105W-RR
J 1	074-1138-60	10P
Q 1	060-4015-90	PS1192H
Q 2	060-4015-90	PS1192H
S 1	013-7414-50	CHUCKING
S 2	013-7413-50	LIMIT

PRINTED WIRING BOARD:

CD mechanism section 929-0220-83



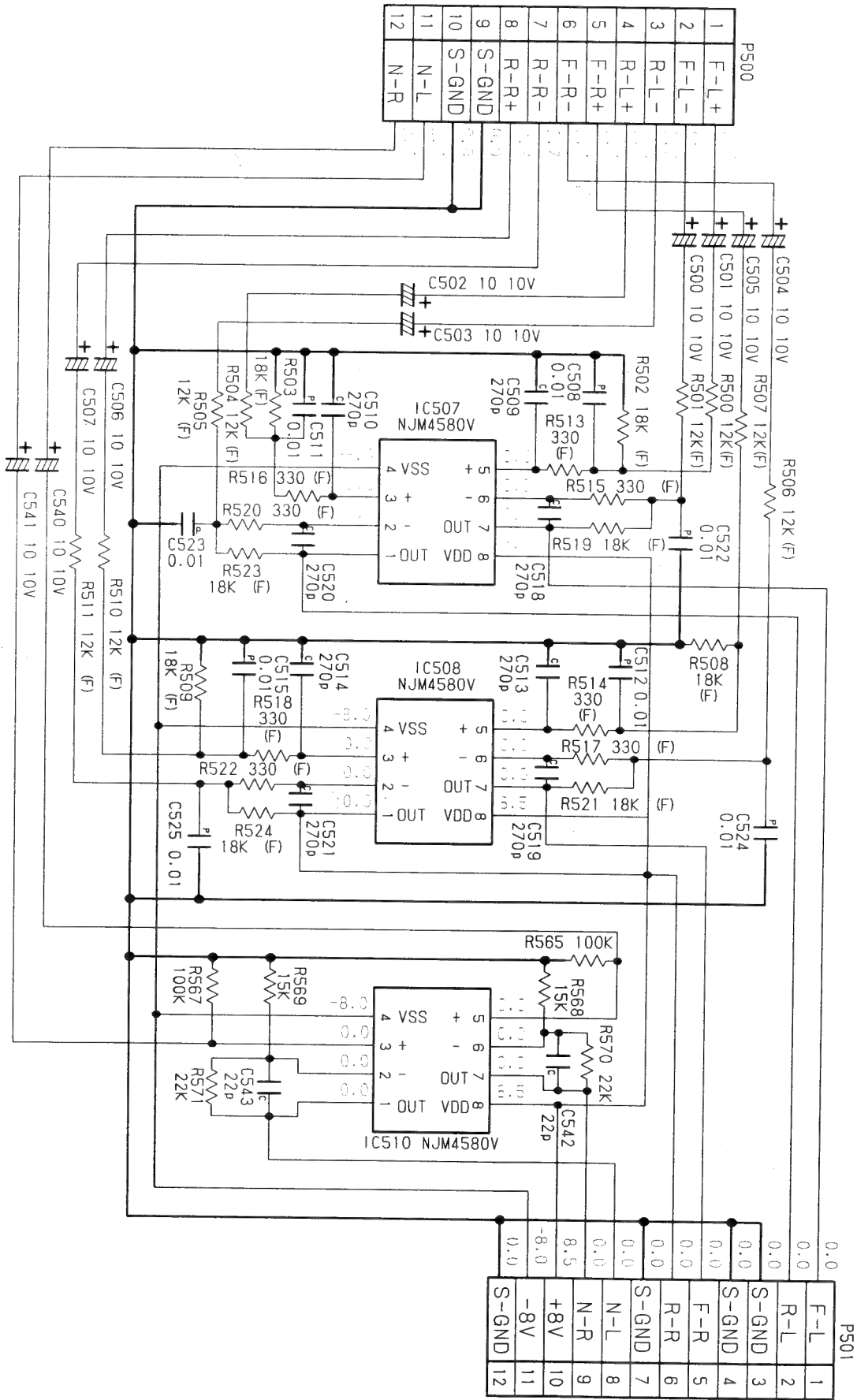
CIRCUIT DIAGRAM:
CD mechanism section 929-0220-83



CIRCUIT DIAGRAM:

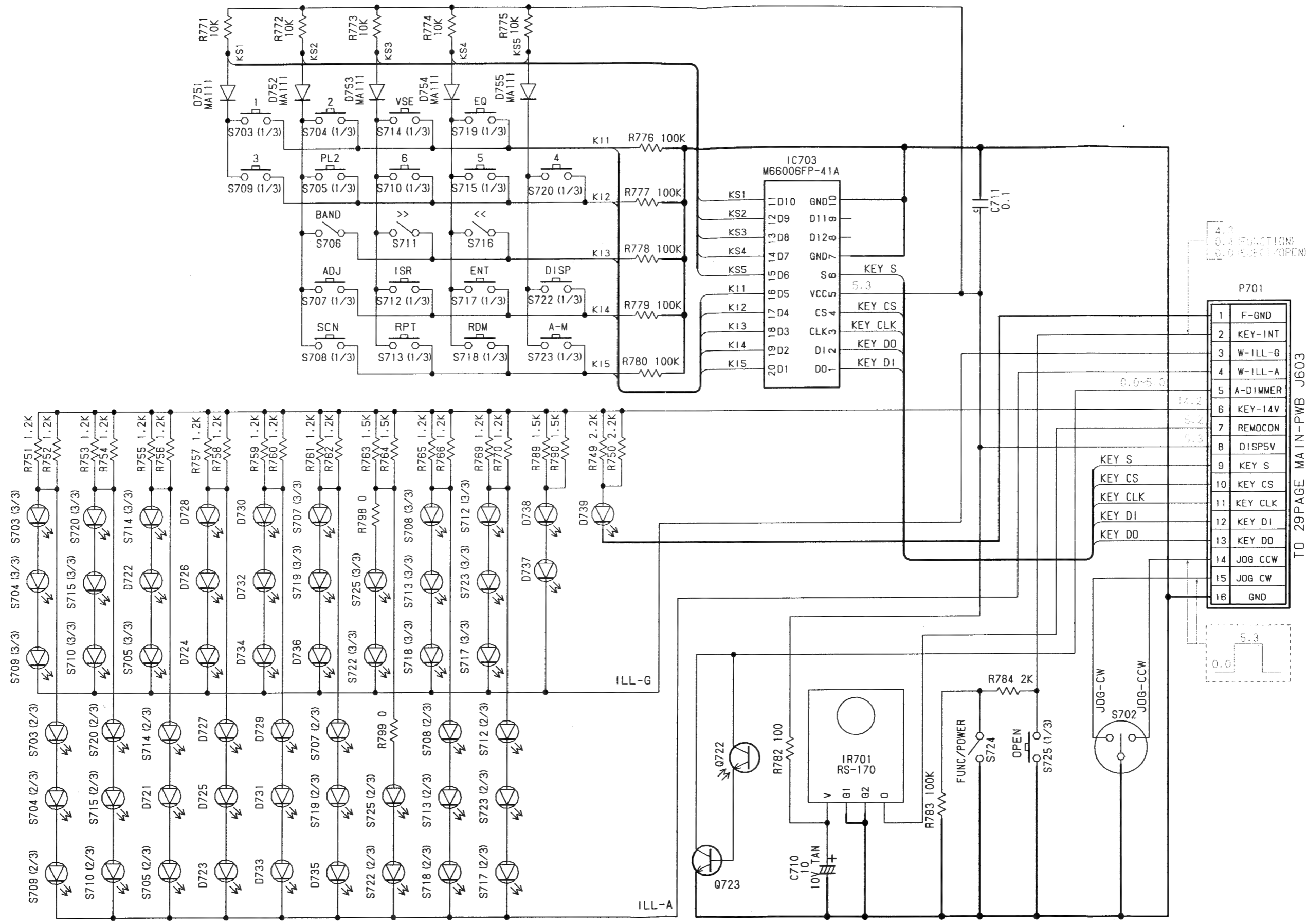
Sub PWB(B2) section

FROM 32PAGE MAIN-PWB J501

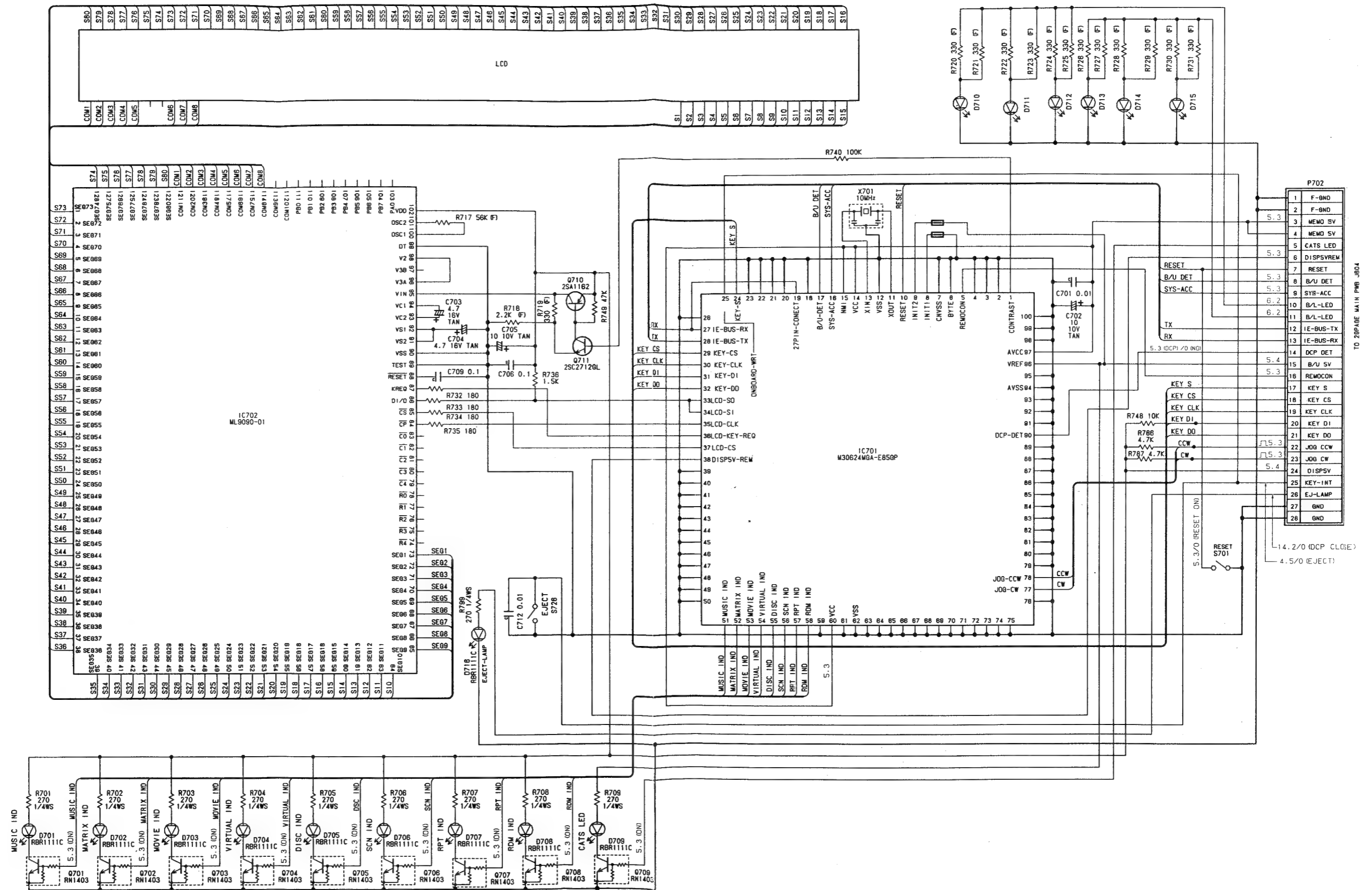


TO 33PAGE MAIN-PWB J502

CIRCUIT DIAGRAM:
Switch PWB (B3) section

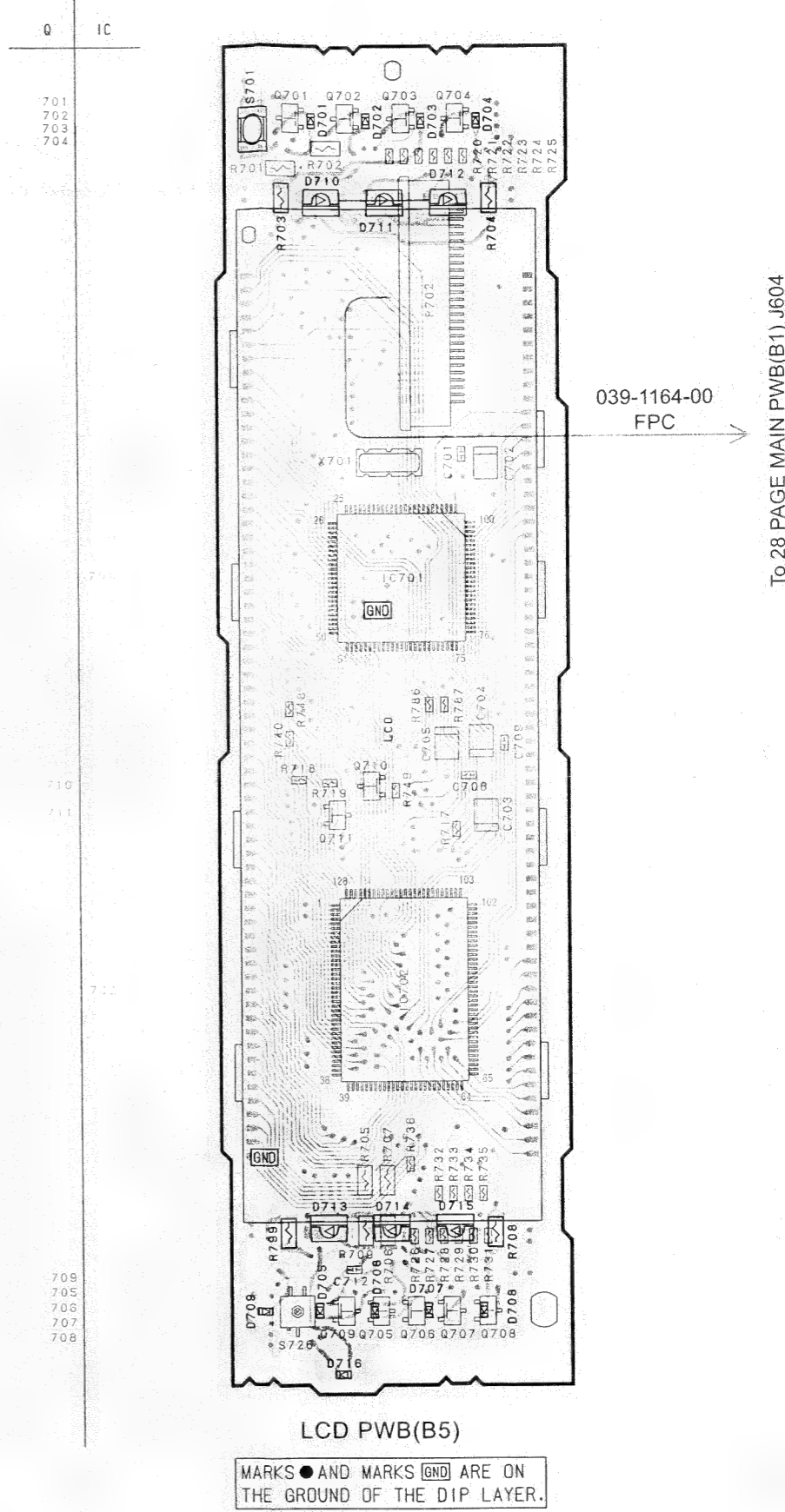
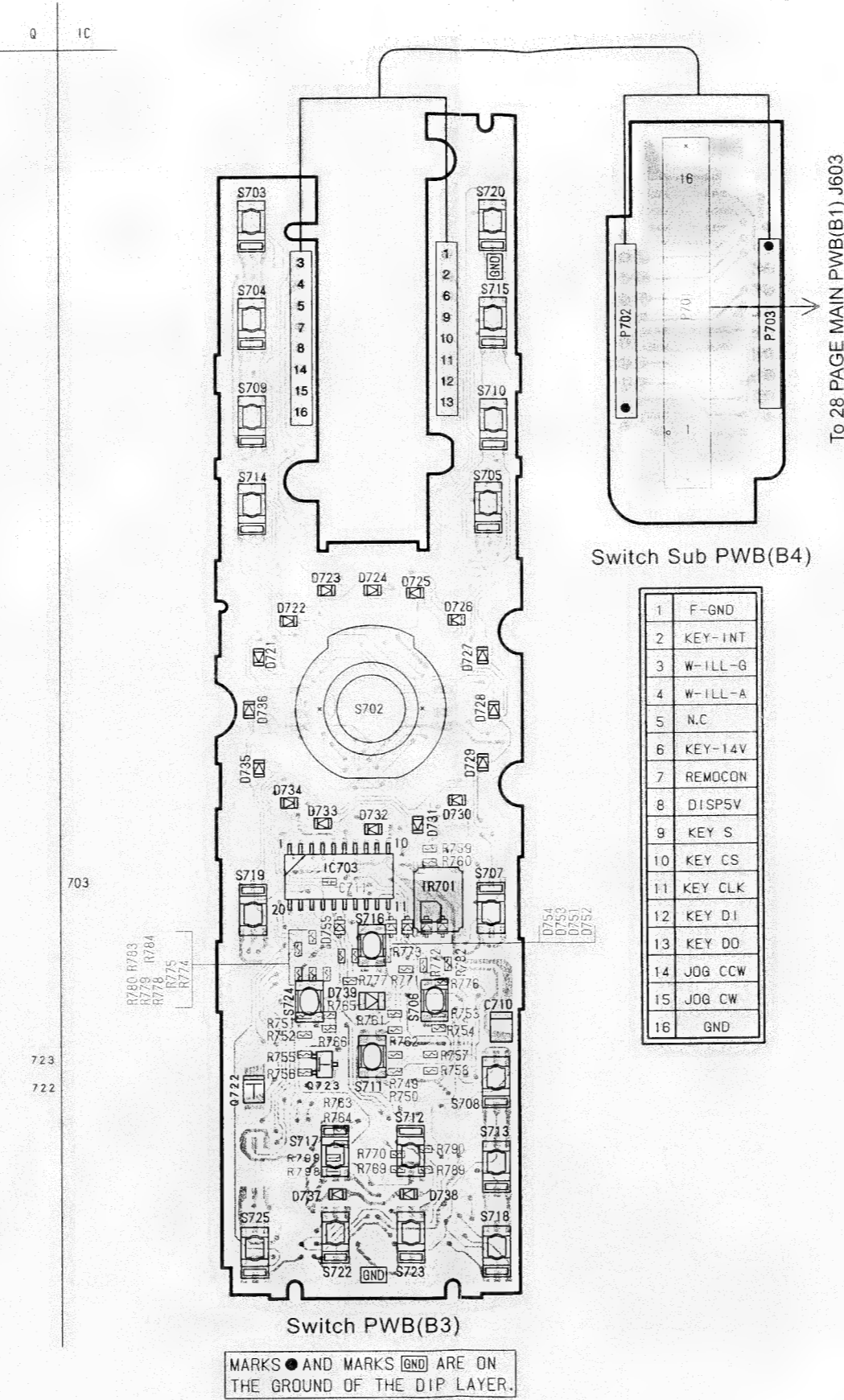
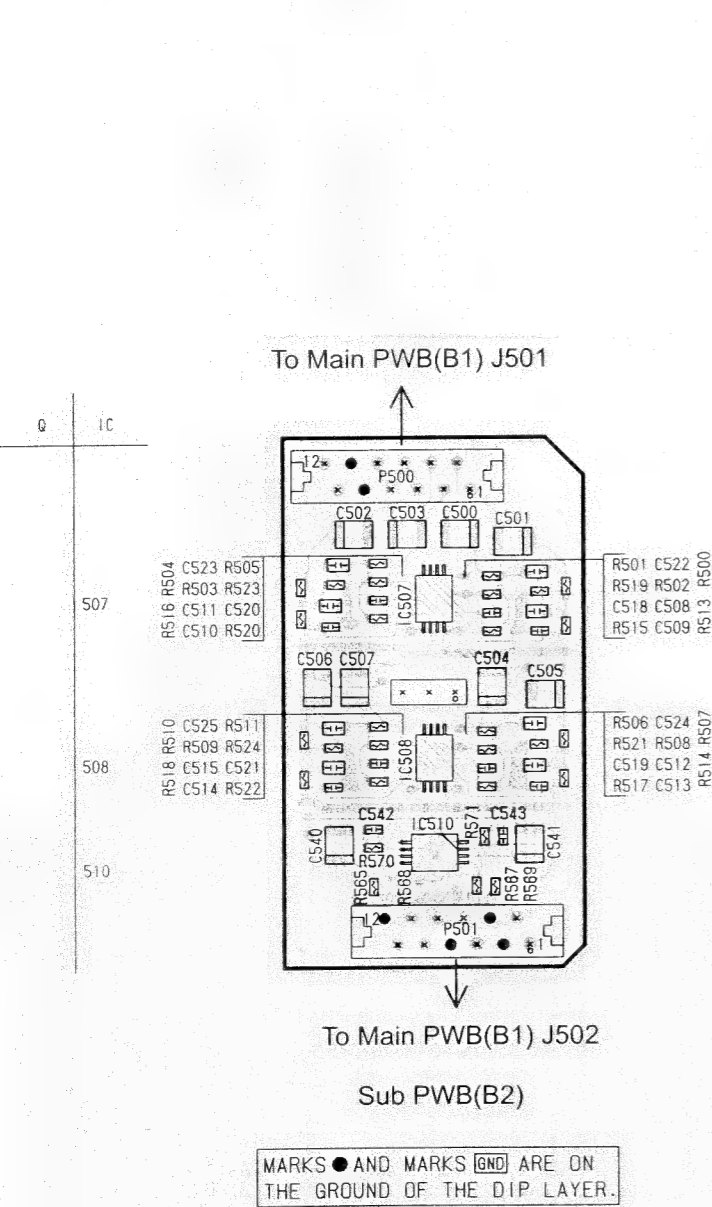


CIRCUIT DIAGRAM:
LCD PWB (B5) section



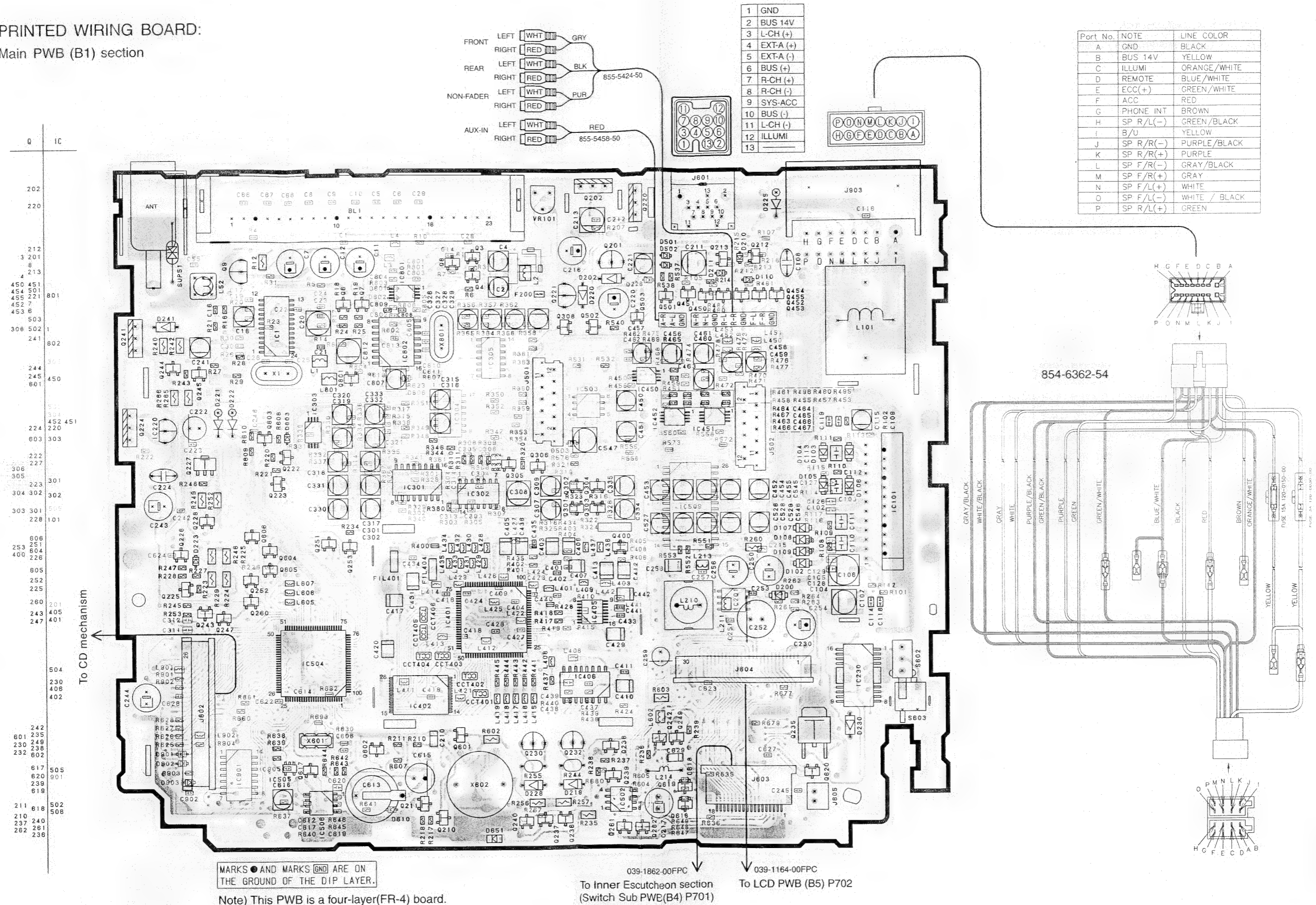
PRINTED WIRING BOARD:

Sub PWB (B2) / Switch PWB (B3) / Switch Sub PWB (B4) / LCD PWB (B5) section

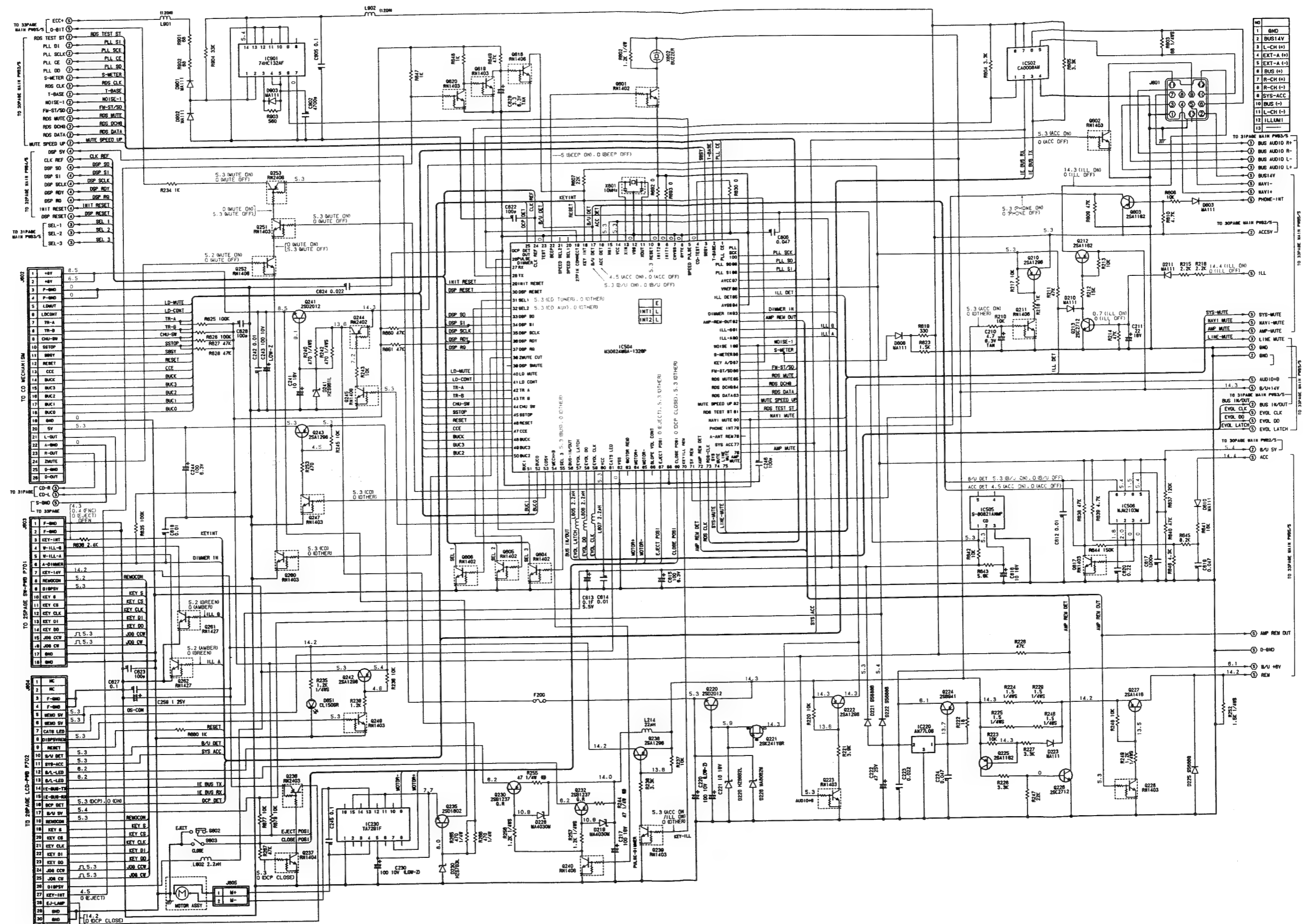


Note) This PWB is a four-layer(FR-4) board.

PRINTED WIRING BOARD:
Main PWB (B1) section



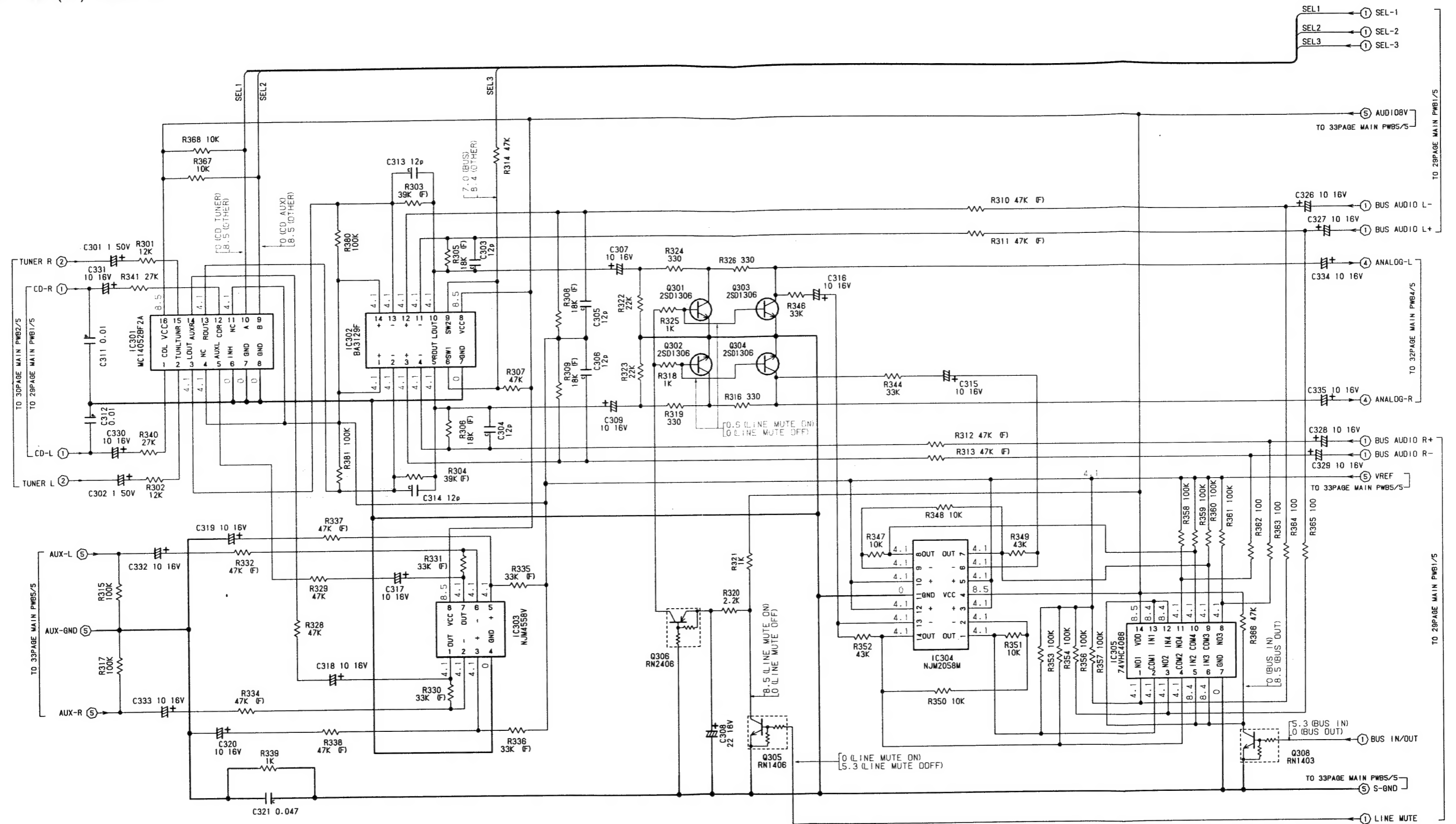
CIRCUIT DIAGRAM:
Main PWB (B1) section 1/5



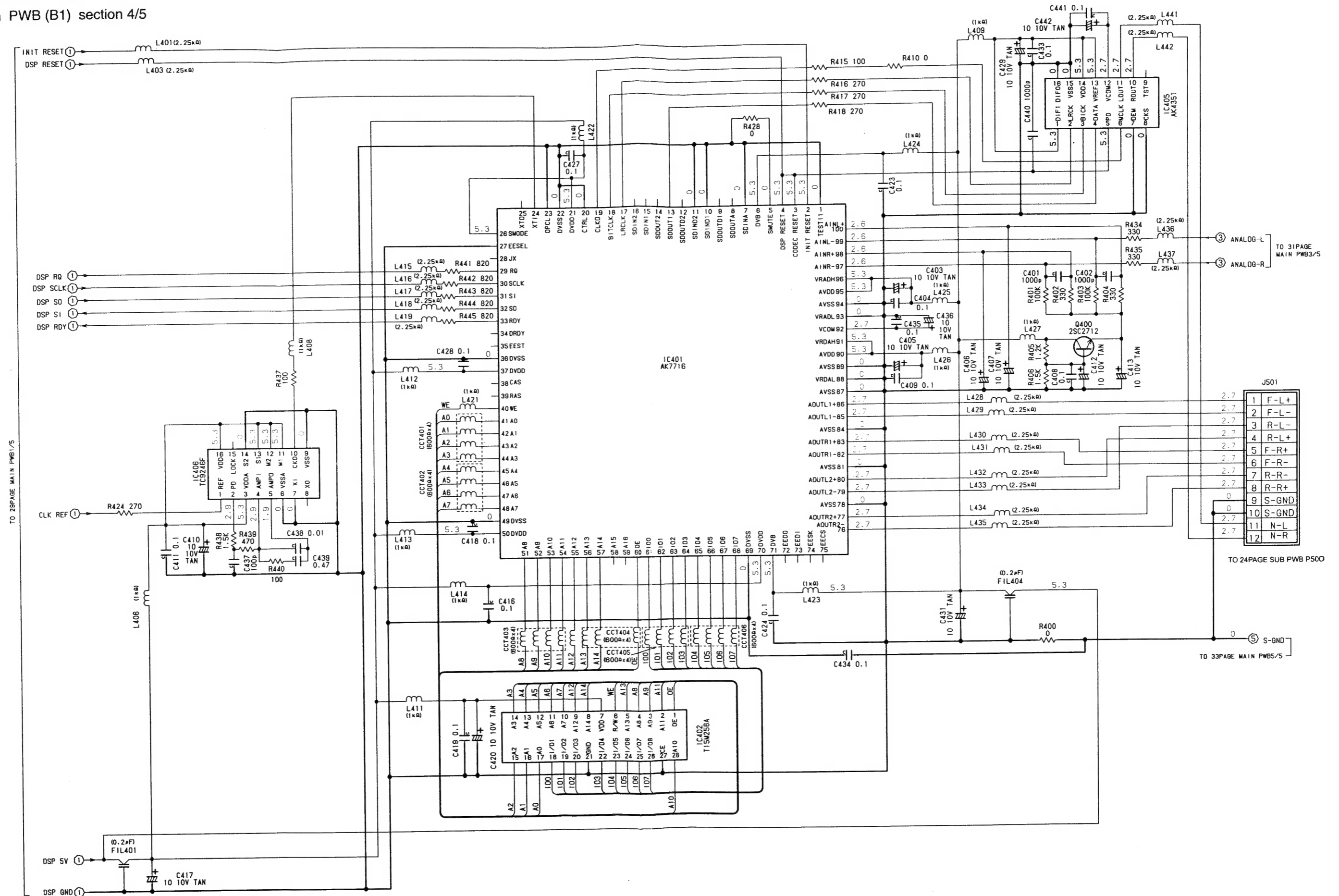
Main PWB (B1) section 2/5



CIRCUIT DIAGRAM:
Main PWB (B1) section 3/5



CIRCUIT DIAGRAM:
Main PWB (B1) section 4/5



CIRCUIT DIAGRAM:

Main PWB (B1) section 5/5

